

## Basic Information

- Title  
Synthesis, Docking and Antimicrobial Activity of Some New Coumarin Inc
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- Words  
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Author : Afsheen Arshad  
Title : Synthesis and antimicrobial properties of some new thiazolyl coumarin derivatives  
Title : Synthesis and antimicrobial properties of some new thiazolyl coumarin derivatives  
Author : Afsheen Arshad ; Hasnah Osman ; Mark C. Bagley ; Chan Kit Lam ; Suriyati Mohamad ; Anis Safirah Mohd Zahariluddin  
Journal : European Journal of Medicinal Chemistry  
Issue : 2011,9  
Page Number : 3788-3794

- 2.5%

Details

Source : Medicinal Chemistry Research

Author : Samina KhanYusufzai

Title : Design, characterization, in vitro antibacterial, antitubercular evaluation and structure–activity relationships of new hydrazinyl thiazolyl coumarin derivatives

Title : Design, characterization, in vitro antibacterial, antitubercular evaluation and structure–activity relationships of new hydrazinyl thiazolyl coumarin derivatives

Author : Samina KhanYusufzai ; Hasnah Osman ; Mohammad Shaheen Khan ; Suriyati Mohamad ; Othman Sulaiman ; Thaigarajan Parumasivam ; Jualang Azlan Gansau ; Norhaniza Johansah ; Noviany

Journal : Medicinal Chemistry Research

Issue : 2017,6

Page Number : 1139-1148
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Details

Source : Molecules

Author : Abdul Amir H. Kadhum

Title : Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin

Title : Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin

Author : Abdul Amir H. Kadhum ; Abu Bakar Mohamad ; Ahmed A. Al-Amiery ; Mohd S. Takriff

Journal : Molecules

Issue : 2011,8

Page Number : 6969-6984
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Details

Source : Chemical Biology & Drug Design

Author : Rabia Raza

Title : Synthesis and Biological Evaluation of 3-thiazolocoumarinyl Schiff-base Derivatives as Cholinesterase Inhibitors

Title : Synthesis and Biological Evaluation of 3-thiazolocoumarinyl Schiff-base Derivatives as Cholinesterase Inhibitors

Author : Rabia Raza ; Amer Saeed ; Mubeen Arif ; Shamsul Mahmood ; Muhammad Muddassar ; Ahsan Raza ; Jamshed Iqbal

Journal : Chemical Biology & Drug Design

Issue : 2012,4

Page Number : 605-615

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 Details  
 Source : Chemistry Central Journal  
 Author : Hasnah Osman  
 Title : Microwave-assisted synthesis and antioxidant properties of hydrazinyl thiazolyl coumarin derivatives  
 Title : Microwave-assisted synthesis and antioxidant properties of hydrazinyl thiazolyl coumarin derivatives  
 Author : Hasnah Osman ; Afsheen Arshad ; Chan Kit Lam ; Mark C Bagley  
 Journal : Chemistry Central Journal  
 Issue : 2012,1
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 Source : Journal of Chemistry  
 Author : Leyla Yurttas  
 Title : Synthesis of Some New Thiazole Derivatives and Their Biological Activity Evaluation  
 Title : Synthesis of Some New Thiazole Derivatives and Their Biological Activity Evaluation  
 Author : Leyla Yurttas ; Yusuf Özkay ; Hülya Karaca Gençer ; Ulviye Acar  
 Journal : Journal of Chemistry  
 Issue : 2015  
 Page Number : 1-7
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 Source : Chemico-Biological Interactions  
 Author : Luana G. de Souza  
 Title : Coumarins as cholinesterase inhibitors: A review  
 Title : Coumarins as cholinesterase inhibitors: A review  
 Author : Luana G. de Souza ; Magdalena N. Rennó ; Jose D. Figueroa-Villar  
 Journal : Chemico-Biological Interactions  
 Issue : 2016  
 Page Number : 11-23
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 Source : Journal of Heterocyclic Chemistry  
 Author : Rizk E. Khidre

Title : Design, Synthesis, and Antimicrobial Evaluation of some Novel Pyridine, Coumarin, and Thiazole Derivatives

Title : Design, Synthesis, and Antimicrobial Evaluation of some Novel Pyridine, Coumarin, and Thiazole Derivatives

Author : Rizk E. Khidre ; Sameh R. El-Gogary ; Mohamed S. Mostafa

Journal : Journal of Heterocyclic Chemistry

Issue : 2017,4

Page Number : 2511-2519

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Source : International Research Journal Of Pharmacy

Author : Gurvinder Singh

Title : EVALUATION AND CHARACTERISATION OF ANTIBACTERIAL POTENTIAL OF NOVEL SCHIFF BASES OF BENZIMIDAZOLE

Title : EVALUATION AND CHARACTERISATION OF ANTIBACTERIAL POTENTIAL OF NOVEL SCHIFF BASES OF BENZIMIDAZOLE

Author : Gurvinder Singh ; Charanjit Kaur ; Pardeep Kumar

Sharma ; Rajesh Kumar ; Chander Mohan

Journal : International Research Journal Of Pharmacy

Issue : 2019,2

Page Number : 176-183

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Source : Synthetic Communications

Author : Anhar Abdel-Aziem

Title : A facile synthesis of some novel thiazoles, arylazothiazoles, and pyrazole linked to thiazolyl coumarin as antibacterial agents

Title : A facile synthesis of some novel thiazoles, arylazothiazoles, and pyrazole linked to thiazolyl coumarin as antibacterial agents

Author : Anhar Abdel-Aziem ; Basma Saad Baaiu ; Awad Wanis

Elbazzar ; Fakhri Elabbar

Journal : Synthetic Communications

Issue : 2020,16

Page Number : 2522-2530

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Details

Source : Acta Crystallographica Section E Structure Reports Online

Author : Afsheen Arshad

Title : (E)-6-Bromo-3-{2-[2-(2-chlorobenzylidene)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one dimethyl sulfoxide monosolvate

Title : (E)-6-Bromo-3-{2-[2-(2-chlorobenzylidene)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one dimethyl sulfoxide monosolvate

Author : Afsheen Arshad ; Hasnah Osman ; Chan Kit Lam ; Madhukar Hemamalini ; Hoong-Kun Fun

Journal : Acta Crystallographica Section E Structure Reports Online

Issue : 2011,4

Page Number : o1009-o1010

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Source : Dalton Transactions

Author : Ekrem Gürel

Title : Synthesis, characterization and investigation of the photophysical and photochemical properties of highly soluble novel metal-free, zinc(ii), and indium(iii) phthalocyanines substituted with 2,3,6-trimethylphenoxy moieties

Title : Synthesis, characterization and investigation of the photophysical and photochemical properties of highly soluble novel metal-free, zinc(ii), and indium(iii) phthalocyanines substituted with 2,3,6-trimethylphenoxy moieties

Author : Ekrem Gürel ; Mehmet Pişkin ; Selçuk Altun ; Zafer

Odabaş ; Mahmut Durmuş

Journal : Dalton Transactions

Issue : 2015,13

Page Number : 6202-6211

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Source : Cogent Chemistry

Author : Shubhalaxmi

Title : Synthesis of focused library of novel aryloxyacids and pyrazoline derivatives: Molecular docking studies and antimicrobial investigation

Title : Synthesis of focused library of novel aryloxyacids and pyrazoline derivatives: Molecular docking studies and antimicrobial investigation

Author : Shubhalaxmi ; Lokesh Pathak ; K. Ananda ; K. Subrahmanya Bhat ; John Spencer

Journal : Cogent Chemistry

Issue : 2016,1

Page Number : 1141388

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Source : Journal of Heterocyclic Chemistry  
Author : Franco Chimenti  
Title : Synthesis and anti-Helicobacter pylori activity of 4-(coumarin-3-yl)thiazol-2-ylhydrazone derivatives  
Title : Synthesis and anti-Helicobacter pylori activity of 4-(coumarin-3-yl)thiazol-2-ylhydrazone derivatives  
Author : Franco Chimenti ; Bruna Bizzarri ; Adriana Bolasco ; Daniela Secci ; Paola Chimenti ; Arianna Granese ; Simone Carradori ; Melissa D'Ascenzio ; M. Maddalena Scaltrito ; Francesca Sisto  
Journal : Journal of Heterocyclic Chemistry  
Issue : 2010,6  
Page Number : 1269-1274

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Details  
Source : Journal of Molecular Structure  
Author : Srikanth Mamidala  
Title : Microwave irradiated one pot, three component synthesis of a new series of hybrid coumarin based thiazoles: Antibacterial evaluation and molecular docking studies  
Title : Microwave irradiated one pot, three component synthesis of a new series of hybrid coumarin based thiazoles: Antibacterial evaluation and molecular docking studies  
Author : Srikanth Mamidala ; Sudhir Reddy Peddi ; R Kowshik Aravilli ; Parameshwara Chary Jilloju ; Vijjulatha Manga ; Rajeswar Rao Vedula  
Journal : Journal of Molecular Structure  
Issue : 2021  
Page Number : 129114
- 1.3%  
Details  
Source : Medicinal Chemistry Research  
Author : Sreekanth Thota  
Title : Design, synthesis, characterization, antioxidant and in vitro cytotoxic activities of novel coumarin thiazole derivatives  
Title : Design, synthesis, characterization, antioxidant and in vitro cytotoxic activities of novel coumarin thiazole derivatives  
Author : Sreekanth Thota ; Kavitha Nadipelly ; Anusha Shenkesi ; Rajeshwar Yerra  
Journal : Medicinal Chemistry Research  
Issue : 2014,3  
Page Number : 1162-1169

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 Details  
 Source : Journal of Molecular Structure  
 Author : Nefise Dilek Özçelik  
 Title : Synthesis, spectroscopic, crystal structure, biological activities and theoretical studies of 2-[(2E)-2-(2-chloro-6-fluorobenzylidene)hydrazinyl]pyridine  
 Title : Synthesis, spectroscopic, crystal structure, biological activities and theoretical studies of 2-[(2E)-2-(2-chloro-6-fluorobenzylidene)hydrazinyl]pyridine  
 Author : Nefise Dilek Özçelik ; Tuncay Tunç ; Raziye Çatak Çelik ; Mahmut Erzengin ; Hacı Özışık  
 Journal : Journal of Molecular Structure  
 Issue : 2017  
 Page Number : 98-105
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 Details  
 Source : HETEROCYCLES  
 Author : Sobhi M. Gomha  
 Title : Synthesis of Some Novel Thiazole, Thiadiazole and 1,4-Phenylene-bis-thiazole Derivatives as Potent Antitumor Agents  
 Title : Synthesis of Some Novel Thiazole, Thiadiazole and 1,4-Phenylene-bis-thiazole Derivatives as Potent Antitumor Agents  
 Author : Sobhi M. Gomha ; Fathy M. Abdelrazek ; Aly H. Abdelrahman ; Peter Metz  
 Journal : HETEROCYCLES  
 Issue : 2016,5  
 Page Number : 954
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 Details  
 Source : Journal of Chemistry  
 Author : B. A. Baviskar  
 Title : Synthesis and Evaluation of Some New Thiazolidin-4-One Derivatives as Potential Antimicrobial Agents  
 Title : Synthesis and Evaluation of Some New Thiazolidin-4-One Derivatives as Potential Antimicrobial Agents  
 Author : B. A. Baviskar ; S. S. Khadabadi ; S. L. Deore  
 Journal : Journal of Chemistry  
 Issue : 2013  
 Page Number : 1-6
- 1.1%

Details

Source : Molecules

Author : Ahmed A. Al-Amiery

Title : Antifungal Activities of New Coumarins

Title : Antifungal Activities of New Coumarins

Author : Ahmed A. Al-Amiery ; Abdul Amir Hassan Kadhum ; Abu Bakar Mohamad

Journal : Molecules

Issue : 2012,5

Page Number : 5713-5723

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Source : RSC Advances

Author : Lingqing Ge

Title : Design and discovery of novel thiazole derivatives as potential MMP inhibitors to protect against acute lung injury in sepsis rats via attenuation of inflammation and apoptotic oxidative stress

Title : Design and discovery of novel thiazole derivatives as potential MMP inhibitors to protect against acute lung injury in sepsis rats via attenuation of inflammation and apoptotic oxidative stress

Author : Lingqing Ge ; Qiaozhen Hu ; Mengrao Shi ; Huiyun Yang ; Guoji Zhu

Journal : RSC Advances

Issue : 2017,52

Page Number : 32909-32922

- 1.1%

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Source : Pharmaceutical Chemistry Journal

Author : Somnath Devidas Bhinge

Title : Synthesis of Some Novel 1,3,4-Thiadiazole Derivatives and Biological Screening for Anti-Microbial, Antifungal and Anthelmintic Activity

Title : Synthesis of Some Novel 1,3,4-Thiadiazole Derivatives and Biological Screening for Anti-Microbial, Antifungal and Anthelmintic Activity

Author : Somnath Devidas Bhinge ; Vanita Chature ; Lalit Vijay Sonawane

Journal : Pharmaceutical Chemistry Journal

Issue : 2015,6

Page Number : 367-372

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Details

Source : Green Chemistry Letters and Reviews  
Author : Donia Bensalah  
Title : Synthesis and antioxidant properties of some new thiazolyl coumarin derivatives  
Title : Synthesis and antioxidant properties of some new thiazolyl coumarin derivatives  
Author : Donia Bensalah ; Aziza Mnasri ; A. Chakchouk-Mtibaa ; Lamjed Mansour ; L. Mellouli ; Naceur Hamdi  
Journal : Green Chemistry Letters and Reviews  
Issue : 2020,2  
Page Number : 155-163

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Source : Tetrahedron  
Author : Alexander D. Dubonosov  
Title : Photoswitchable dihetarylethene chemosensors for the selective 'naked-eye' detection of fluoride anions  
Title : Photoswitchable dihetarylethene chemosensors for the selective 'naked-eye' detection of fluoride anions  
Author : Alexander D. Dubonosov ; Vladimir A. Bren ; Vladimir I. Minkin ; Evgenii N. Shepelenko ; Karina S. Tikhomirova ; Andrey G. Starikov ; Yurii V. Revinskii  
Journal : Tetrahedron  
Issue : 2015,46  
Page Number : 8817-8822
- 1.0%  
Details  
Source : Medicinal Chemistry Research  
Author : Preeti Arora  
Title : 2,4-Disubstituted thiazoles as multitargeted bioactive molecules  
Title : 2,4-Disubstituted thiazoles as multitargeted bioactive molecules  
Author : Preeti Arora ; Rakesh Narang ; Surendra Kumar Nayak ; Sachin Kumar Singh ; Vikramjeet Judge  
Journal : Medicinal Chemistry Research  
Issue : 2016,9  
Page Number : 1717-1743
- 1.0%  
Details  
Source : Acta Crystallographica Section E Structure Reports Online  
Author : Afsheen Arshad

Title : (E)-6-Bromo-3-{2-[2-(4-chlorobenzylidene)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one

Title : (E)-6-Bromo-3-{2-[2-(4-chlorobenzylidene)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one

Author : Afsheen Arshad ; Hasnah Osman ; Chan Kit Lam ; Madhukar Hemamalini ; Hoong-Kun Fun

Journal : Acta Crystallographica Section E Structure Reports Online

Issue : 2011,4

Page Number : o1007-o1008

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Source : Bioorganic Chemistry

Author : Pervaiz Ali Channar

Title : Design, synthesis and biological evaluation of trinary benzocoumarin-thiazoles-azomethines derivatives as effective and selective inhibitors of alkaline phosphatase

Title : Design, synthesis and biological evaluation of trinary benzocoumarin-thiazoles-azomethines derivatives as effective and selective inhibitors of alkaline phosphatase

Author : Pervaiz Ali Channar ; Hina Irum ; Abid Mahmood ; Ghulam

Shabir ; Sumera Zaib ; Aamer Saeed ; Zaman Ashraf ; Fayaz Ali

Larik ; Joanna Lecka ; Jean Sévigny ; Jamshed Iqbal

Journal : Bioorganic Chemistry

Issue : 2019

Page Number : 103137

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Source : Synthetic Communications

Author : Kodam Sujatha

Title : Novel one-pot expeditious synthesis of 2,4-disubstituted thiazoles through a three-component reaction under solvent free conditions

Title : Novel one-pot expeditious synthesis of 2,4-disubstituted thiazoles through a three-component reaction under solvent free conditions

Author : Kodam Sujatha ; Rajeswar Rao Vedula

Journal : Synthetic Communications

Issue : 2018,3

Page Number : 302-308

- 0.9%

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Source : Oriental Journal of Chemistry

Author : Dana M. Hussein

Title : Synthesis, Characterization and Antibacterial Evaluation With Computational Study of New Schiff Bases Derived from 7-Hydroxy-4-Methyl Coumarin

Title : Synthesis, Characterization and Antibacterial Evaluation With Computational Study of New Schiff Bases Derived from 7-Hydroxy-4-Methyl Coumarin

Author : Dana M. Hussein ; Sahar B. Al-juboory ; Ammar A. Razzak Mahmood

Journal : Oriental Journal of Chemistry

Issue : 2017,2

Page Number : 768-782

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Details  
Source : Polymers  
Author : José María Cuevas  
Title : Coumarins into Polyurethanes for Smart and Functional Materials  
Title : Coumarins into Polyurethanes for Smart and Functional Materials  
Author : José María Cuevas ; Rubén Seoane-Rivero ; Rodrigo Navarro ; Ángel Marcos-Fernández  
Journal : Polymers  
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