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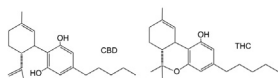
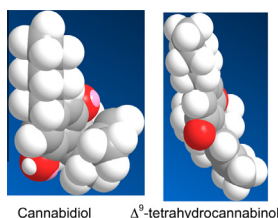
Contents

Review

Cannabidiol (CBD) and its analogs: a review of their effects on inflammation

pp 1377–1385

Sumner Burstein*

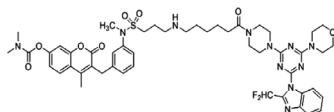


Articles

Dual inhibition of allosteric mitogen-activated protein kinase (MEK) and phosphatidylinositol 3-kinase (PI3K) oncogenic targets with a bifunctional inhibitor

pp 1386–1394

Marcian E. Van Dort, Stefanie Galbán, Hanxiao Wang, Judith Sebolt-Leopold, Christopher Whitehead, Hao Hong, Alnawaz Rehemtulla, Brian D. Ross*

Compound **8**

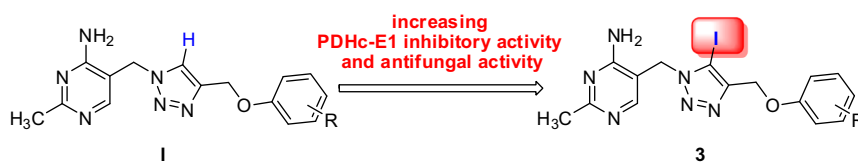
Compound	IC ₅₀ (nM)	
	PI3K	MEK1
8	172 ± 24	473 ± 17.8



Synthesis and antifungal activity of 5-iodo-1,4-disubstituted-1,2,3-triazole derivatives as pyruvate dehydrogenase complex E1 inhibitors

pp 1395–1401

Jun-Bo He, Hai-Feng He, Lu-Lu Zhao, Li Zhang, Ge-Yun You, Ling-Ling Feng, Jian Wan*, Hong-Wu He*

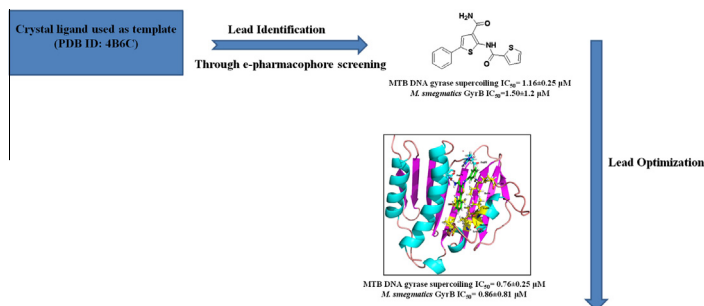


competitive inhibitor for *E. coli* PDHc-E1
great inhibitory selectivity on *E. coli* and pig heart PDHc-E1

Development of 2-amino-5-phenylthiophene-3-carboxamide derivatives as novel inhibitors of *Mycobacterium tuberculosis* DNA GyrB domain

pp 1402–1412

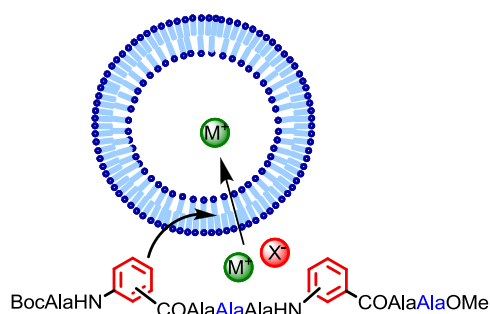
Shalini Saxena, Ganesh Samala, Janupally Renuka, Jonnalagadda Padma Sridevi, Perumal Yogeeswari, Dharmarajan Sriram*



Aminobenzoic acid incorporated octapeptides for cation transport

pp 1413–1420

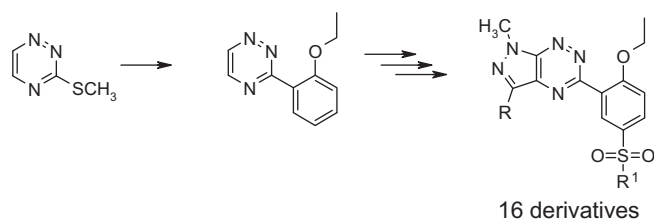
Bahiru P. Benke, Nandita Madhavan*



New approaches to the synthesis of sildenafil analogues and their enzyme inhibitory activity

pp 1421–1429

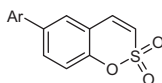
Mariusz Mojzych*, Zbigniew Karczmarzyk, Waldemar Wysocki, Mariangela Ceruso, Claudiu T. Supuran*, Vladimir Kryštof, Zofia Urbańczyk-Lipkowska, Przemysław Kalicki



Synthesis of 6-aryl-substituted sulfocumarins and investigation of their carbonic anhydrase inhibitory action

pp 1430–1436

Aiga Grandane, Muhammet Tanc, Raivis Žalubovskis*, Claudiu T. Supuran*



Ar = Ph; 2-, 3- and 4-substituted-phenyls with Me, CF₃, halogens, alkyl, alkoxy, etc. K_1 (hCA I) >10 μM; K_1 (hCA II) >10 μM; K_1 (hCA IX) = 9.0–95.3 nM; K_1 (hCA XII) = 3.5–14.2 nM.

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