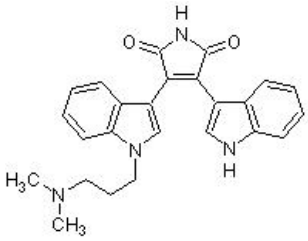
abcam

Product datasheet

GF 109203X (Bisindolylmaleimide i), PKC inhibitor ab144264

3 References 画像数 2

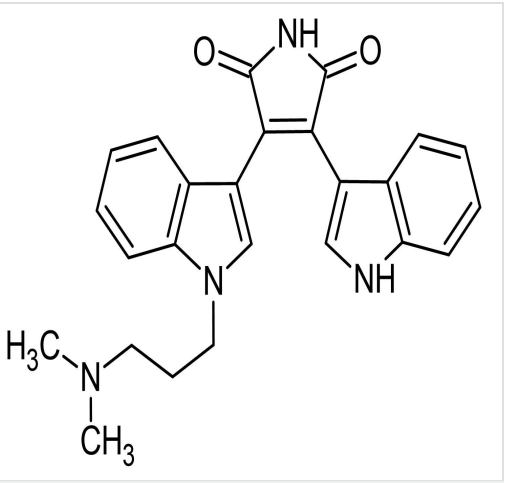
製品の概要

製品名	GF 109203X (Bisindolylmaleimide i), PKC inhibitor
製品の詳細	Potent, selective PKC inhibitor. Potent GSK-3 inhibitor. Potent 5-HT3 antagonist.
精製度	> 98%
CAS 番号	133052-90-1
構造式	

製品の特性

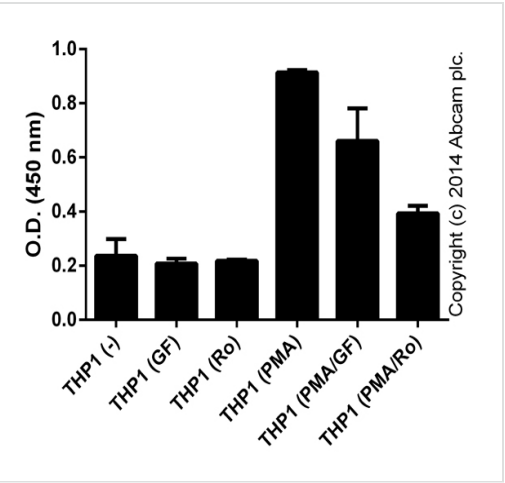
体系名	3-[1-[3-(Dimethylamino)propyl]indol-3-yl]-4-(1*H*-indol-3-yl)pyrrole-2,5-dione
分子量	412.48
分子式	$C_{25}H_{24}N_4O_2$
PubChem 登録番号	2396
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 25 mM
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
SMILES 線形表記	CN(C)CCCN1C=C(C2=CC=CC=C21)C3=C(C(=O)NC3=O)C4=CNC5=CC=CC=C54
由来	Synthetic

画像



2D chemical structure image of ab144264, GF 109203X (Bisindolylmaleimide i), PKC inhibitor

Chemical Structure - GF 109203X (Bisindolylmaleimide i), PKC inhibitor (ab144264)



1.5 x 10e7 THP-1 cells were incubated with 100 nM GF 109203X (ab144264) or Ro 31-8220 mesylate (**ab120374**) for 30 minutes prior to activation with 10 µg x mL-1 PMA (Sigma) for 4 hours. Control cells were left without inhibitors or PMA. Cells were lysed in 1 mL of lysis buffer, and 30 µL were tested for PKC activity (duplicates; +/- SD).

Functional Studies - GF 109203X (Bisindolylmaleimide i), PKC inhibitor (ab144264)

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