

Ro 31-8220 mesylate (Bisindolymaleimide IX), Protein kinase inhibitor ab120374

1 [References](#) **2** [画像数](#)

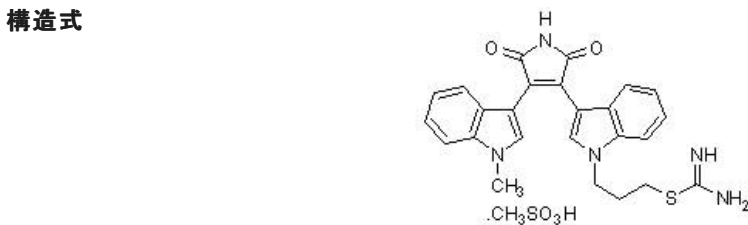
製品の概要

製品名	Ro 31-8220 mesylate (Bisindolymaleimide IX), Protein kinase inhibitor
製品の詳細	Protein kinase inhibitor
生理活性の詳細	Widely used as a cell-permeable, reversible, competitive protein kinase C inhibitor. Also potently inhibits wide range of kinases including RSK1, RSK2, PRK2, PKC α , PKD1, MSK1, GSK3 β , CDK2-cyclin A and PIM3, as well as PKC α .

Also available in simple stock solutions ([ab146723](#)) - add 1 ml of water to get an exact, ready-to-use concentration.

精製度 > 98%

CAS 番号 138489-18-6



製品の特性

体系名	3-[1-[3-(Amidinothio)propyl]-3-indolyl]-4-(1-methyl-3-indolyl)-1 <i>H</i> -pyrrole-2,5-dione methanesulfonate
分子量	553.65
PubChem 登録番号	11628205
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 and organic solvents. Solubility in these solvents is approximately 20 mg/mL.
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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

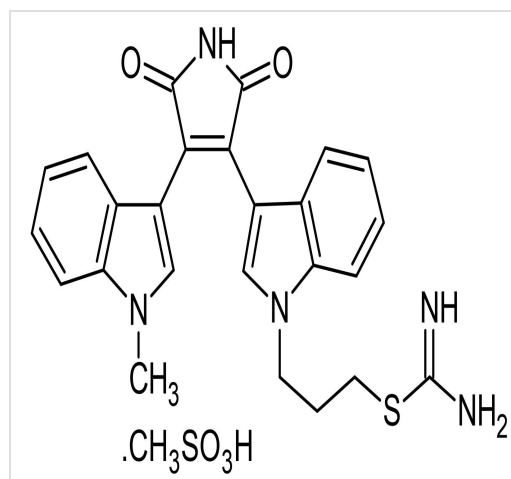
SMILES 線形表記

CS(=O)(=O)O.Cn2cc(c1cccc12)C=5C(=O)NC(=O)C=5c4cn(CCCSC(=N)N)c3cccc34

由来

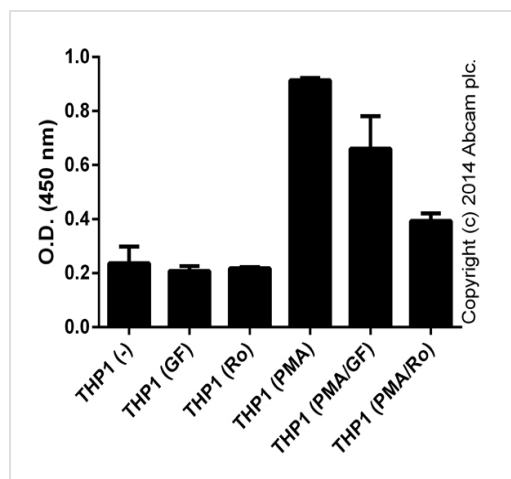
Synthetic

画像



2D chemical structure image of ab120374, Ro 31-8220 mesylate (Bisindolylmaleimide IX), Protein kinase inhibitor

Chemical Structure - Ro 31-8220 mesylate
(Bisindolylmaleimide IX), Protein kinase inhibitor
(ab120374)



Functional Studies - Ro 31-8220 mesylate
(Bisindolylmaleimide IX), Protein kinase inhibitor
(ab120374)

1.5 x 10⁷ 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).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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