

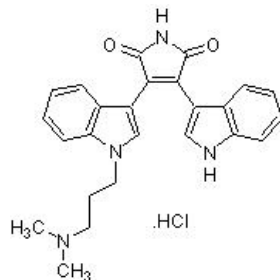
Product datasheet

GF 109203X hydrochloride, ATP-competitive PKC inhibitor ab120844

Overview

Product name	GF 109203X hydrochloride, ATP-competitive PKC inhibitor
Description	Potent, cell-permeable, ATP-competitive PKC inhibitor
Biological description	Potent, cell-permeable, ATP-competitive PKC inhibitor (IC ₅₀ values for PKC subtypes are 50 (α), 17 (βI), 16 (βII) and 20 nM (γ)). Inhibits PKC over other kinases (IC ₅₀ values are 50 nM (MAPKAP), 100 nM (p70 S6 kinase), 2 μM (cAMP-dependent protein kinase) and 0.7 μM (phosphorylase kinase)). Crosses the blood-brain barrier.
Purity	> 99%
CAS Number	176504-36-2

Chemical structure



Properties

Chemical name	3-[1-(Dimethylaminopropyl)indol-3-yl]-4-(indol-3-yl)maleimide hydrochloride
Molecular weight	448.95
Molecular formula	C ₂₅ H ₂₄ N ₄ O ₂ ·HCl
PubChem identifier	6419775
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	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

CN(C)CCCN1C=C(C2=CC=CC=C21)C3=C(C(=O)NC3=O)C4=CNC5=CC=CC=C54.Cl

Source

Synthetic

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

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