

Product datasheet

CCG 1423, Rho pathway-mediated signaling inhibitor ab229181

5 References

Overview

Product name	CCG 1423, Rho pathway-mediated signaling inhibitor
Description	Specific inhibitor of Rho pathway-mediated signaling and activation SRF transcription
Biological description	Specific inhibitor of Rho pathway-mediated signaling and activation of serum response factor (SRF) transcription. Displays activity in several in vitro cancer cell functional assays. Potently (<1 μmol/L) inhibits lysophosphatidic acid-induced DNA synthesis in PC-3 prostate cancer cells, inhibits growth of RhoC-overexpressing melanoma lines at nanomolar concentrations. Selectively stimulates apoptosis of the metastasis-prone, RhoC-overexpressing melanoma cell lines. Acts at or downstream of MLK1 and upstream of SRF. Blocks MLK1 nuclear localization.
Purity	> 98%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 9434 CCG-1423. 9434-25 is the same size as the 25 mg size of ab229181.
CAS Number	285986-88-1

Properties

Chemical name	<i>N</i> -[2-[(4-Chlorophenyl)amino]-1-methyl-2-oxoethoxy]-3,5-bis(trifluoromethyl)benzamide
Molecular weight	454.75
Molecular formula	C ₁₈ H ₁₃ ClF ₆ N ₂ O ₃
PubChem identifier	2726015
Storage instructions	Shipped at 4°C. Store at -20°C long term. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>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.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILESCC(C(=O)NC1=CC=C(C=C1)Cl)ONC(=O)C2=CC(=CC(=C2)C(F)(F)F)C(F)(F)F**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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