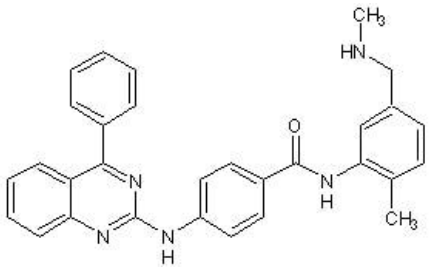
abcam

Product datasheet

BMS-833923, smoothened antagonist ab269875

1 Image

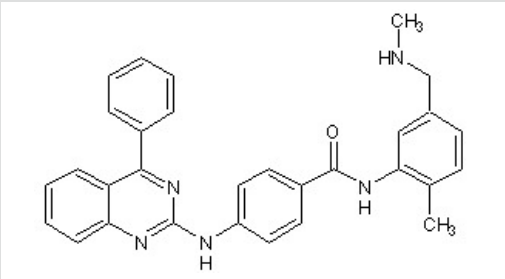
Overview

Product name	BMS-833923, smoothened antagonist
Description	Potent Smoothened antagonist
Biological description	Potent Smoothened antagonist (IC_{50} = 5.8 nM). Blocks Hedgehog signaling in cell-based assays. Inhibits Gli1 and PTCH1 expression in cell lines. Reduces proliferation and induces apoptosis in tumor cellls.
CAS Number	1059734-66-5
Chemical structure	

Properties

Chemical name	N-[2-Methyl-5-[(methylamino)methyl]phenyl]-4-[(4-phenyl-2- quinazolinyl)amino]benzamide
Molecular weight	473.57
Molecular formula	$C_{30}H_{27}N_5O$
PubChem identifier	57662985
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in water to 5 mM, in DMSO to 100 mM and in ethanol to 10 mM (with warming and ultrasonic)
Handling	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	CC1=C(C=C(C=C1)CNC)NC(=O)C2=CC=C(C=C2)NC3=NC4=CC=CC=C4C(=N3)C5=CC=CC=C5
Source	Synthetic

Images



Chemical Structure - BMS-833923, smoothened antagonist (ab269875)

Chemical structure of BMS-833923, smoothened antagonist, 1059734-66-5

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