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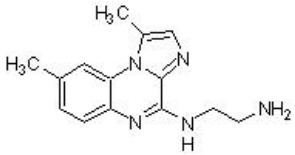
Product datasheet

BMS 345541, IKK-2 and IKK-1 inhibitor ab144822

4 References 1 Image

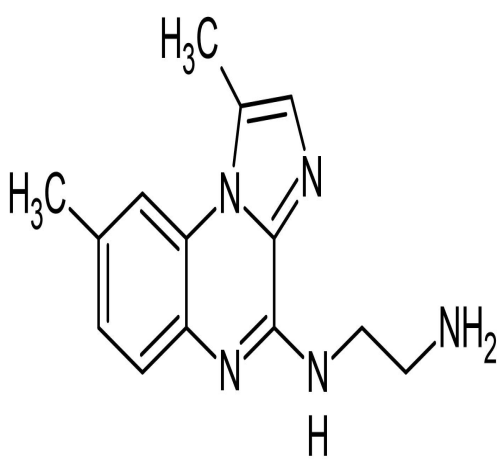
Overview

Product name	BMS 345541, IKK-2 and IKK-1 inhibitor
Description	Highly selective cell permeable IKK-2 and IKK-1 inhibitor
Biological description	Highly selective cell permeable IKK-2 and IKK-1 inhibitor (IC_{50} values are 0.3 and 4 µM for IKK-2 and IKK-1 respectively). Blocks NF-κB-dependent transcription. Shows anti-inflammatory and radiosensitizing effects *in vivo.* Orally active.
Purity	> 98%
CAS Number	445430-58-0
Chemical structure	

Properties

Chemical name	*N*'-(1,8-Dimethylimidazo[1,2-*a*]quinoxalin-4-yl)ethane-1,2-diamine
Molecular weight	255.32
Molecular formula	$C_{14}H_{17}N_5$
PubChem identifier	9813758
Storage instructions	Store at +4°C (desiccating conditions).
Solubility overview	Soluble in DMSO to 25 mM
Handling	Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
SMILES	CC1=CC2=C(C=C1)N=C(C3=NC=C(N23)C)NCCN
Source	Synthetic

Images



Chemical Structure - BMS 345541, IKK-2 and IKK-1 inhibitor (ab144822)

2D chemical structure image of ab144822, BMS 345541, IKK-2 and IKK-1 inhibitor

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