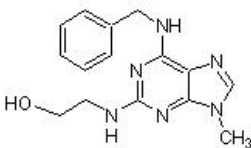


Product datasheet

Olomoucine, ATP-competitive CDK inhibitor ab120938

1 Image

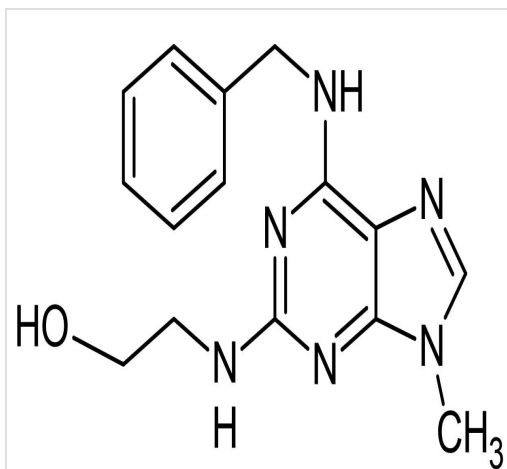
Overview

Product name	Olomoucine, ATP-competitive CDK inhibitor
Description	ATP-competitive CDK inhibitor
Biological description	ATP-competitive CDK inhibitor (IC ₅₀ values are 7 (CDC2/cyclin B), 7 (CDK2/cyclin A), 7 (CDK2/cyclin E), 3 (CDK/p35 kinase) and 25 µM (ERK1/p44 MAPK)). Inhibits cell cycle progression <i>in vitro</i> and <i>in vivo</i> .
Purity	> 98%
CAS Number	101622-51-9
Chemical structure	

Properties

Chemical name	6-Benzylamino-2-(2-hydroxyethylamino)-9-methylpurine
Molecular weight	298.35
Molecular formula	C ₁₅ H ₁₈ N ₆ O
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM and in ethanol to 25 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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>OCCNc1nc(NC2CCCC2)c2ncn(C)c2n1</chem>
Source	Synthetic

Images



Chemical Structure - Olomoucine, ATP-competitive
CDK inhibitor (ab120938)

2D chemical structure image of ab120938, Olomoucine, ATP-competitive CDK inhibitor

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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