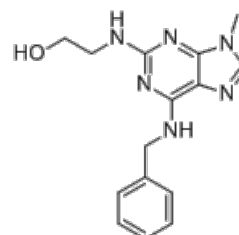


Product Name : Olomoucine
Synonyms : Olomoucine
Cat No. : M10084
CAS Number : 101622-51-9
Molecular Formula : C₁₅H₁₈N₆O
Formula Weight : 298.35
Chemical Name : 2-(2-Hydroxyethylamino)-6- benzylamino-9-methylpurine



Description : A potent, ATP-competetive CDKs inhibitor with IC₅₀ of 7, 7, 7, 3 uM for Cdc2/cyclin B, Cdk2/cyclin A, Cdk2/cyclin E, and Cdk/p35 kinase; also inhibits ERK1/MAP kinase (IC₅₀=25 uM); inhibits the starfish oocyte G2/M transition in vivo.
Pathway : Angiogenesis
Target : CDK
Receptor : CDK
Solubility : ———
SMILES : CN1C=NC2=C(NCC3=CC=CC=C3)N=C(NCCO)N=C12
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Vesely J, et al. Eur J Biochem. 1994 Sep 1;224(2):771-86.| 2. Tsou YC, et al. Neurosci Lett. 2016 Aug 15;628:186-93.| 3. Fei XF, et al. Brain Res. 2009 Apr 6;1264:85-97.