



Product Information

Product ID B5728

CAS No. 189232-42-6

Chemical Name 3-((6-(Benzylamino)-9-isopropyl-9H-purin-2-yl)amino)propan-1-ol

Synonym 3-[[6-(benzylamino)-9-(propan-2-yl)-9H-purin-2-yl]amino]propan-1-ol;
CHEMBL83980; CHEBI:86007

Formula C₁₈H₂₄N₆O

Formula Wt. 340.43

Melting Point

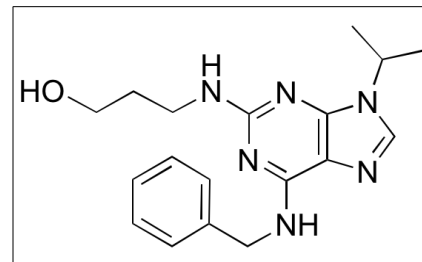
Purity ≥98%

Solubility >17mg/ml in DMSO

Store Temp -20°C

Ship Temp Ambient

Description Bohemine is a purine derivative that inhibits cyclin-dependent kinases (CDKs) and exhibits anticancer activity. Bohemine suppresses cell growth and induces G1 and G2 phase cell cycle arrest in hybridoma cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B5728	1 mg	\$62.50
B5728	5 mg	\$175.60
B5728	25 mg	\$597.00

References Kovarova H, Halada P, Man P, et al. Application of proteomics in the search for novel proteins associated with the anti-cancer effect of the synthetic cyclin-dependent kinases inhibitor, bohemine. *Technol Cancer Res Treat.* 2002 Aug;1(4):247-56. PMID: 12625783.

Franek F, Strnad M, Havlíček L, et al. Diverse effects of the cyclin-dependent kinase inhibitor bohemine: Concentration- and time-dependent suppression or stimulation of hybridoma culture. *Cytotechnology.* 2001 Jul;36(1-3):117-23. PMID: 19003322.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.