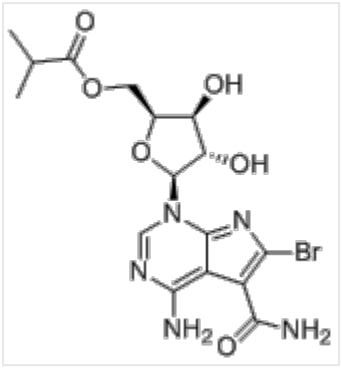
Ibulocydine

PRODUCT OVERVIEW

Product Name	Ibulocydine, Biochemical
Full Product Name	Ibulocydine
Product Synonym Names	Ibulocydine
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	458.269
Target	CDK
Receptor	CDK
Chemical Name	((2S, 3S, 4S, 5S)-5-(4-amino-6-bromo-5-carbamoyl-1H-pyrrolo[2, 3-d]pyrimidin-1-yl)-3, 4-dihydroxytetrahydrofuran-2-yl)methyl isobutyrate
SMILES	CC(C)C(OC[C@@H]1O[C@H](N2C=NC(N)=C3C2=NC(Br)=C3C(N)=O)[C@@H](O)[C@@H]1O)=O
Molecular Formula	C16H20BrN5O6
CAS Number	1314096-68-8
Product Categories/Family for Ibulocydine biochemical	Angiogenesis
Related Product Information for Ibulocydine biochemical	Ibulocydine is the prodrug of CDK inhibitor BMK-Y101, inhibits CDK7 and CDK9 with IC50 of 530 nM and 85 nM in kinase assays, respectively.
Product References and Citations for Ibulocydine biochemical	1. Cho SJ, et al. J Biol Chem. 2011 Jun 3; 286 (22):19662-71. 2. Park SS, et al. Radiother Oncol. 2014 Aug; 112 (2):295-301. 3. Park SS, , et al. Int J Biochem Cell Biol. 2017 Feb; 83:47-55.
Other Notes	Small volumes of Ibulocydine biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Ibulocydine purchase	MBS3601259 is a biochemical targeting Ibulocydine.



Structure of Ibulocydine biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/ibulocydine/3601259