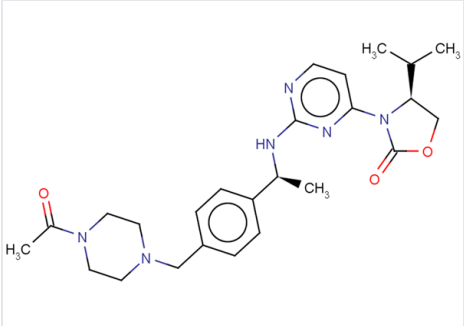
Mutant IDH1 inhibitor

PRODUCT OVERVIEW

Product Name	Mutant IDH1, Biochemical
Full Product Name	Mutant IDH1 inhibitor
Product Gene Name	IDH1 biochemical
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	466.58
Receptor	mutant IDH1 R132H
Solubility	DMSO: 30ug/mL (64.3mM)
SMILES	CC(C)[C@@H](COC1=O)N1c1nc(N[C@@H](C)c2ccc(CN(CC3)CCN3C(C)=O)cc2)ncc1
Molecular Formula	C25H34N6O3
CAS Number	1429180-08-4
Product Categories/Family for IDH1 biochemical	Dehydrogenase; Metabolic Enzyme/Protease
Related Product Information for IDH1 biochemical	Mutant IDH1 inhibitor is an effective inhibitor of mutant IDH1 R132H (IC50: < 72 nM).
Product References and Citations for IDH1 biochemical	1.3-Pyrimidin-4-yl-oxazolidin-2-ones as inhibitors of mutant IDH and their preparation. Patent WO 2013046136 A1 20130404
Other Notes	Small volumes of IDH1 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 IDH1 purchase	MBS3613258 is a biochemical targeting IDH1. Also known as Mutant IDH1 inhibitor.



Chemical Structure of IDH1 biochemical

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IDH1. It may not necessarily be applicable to this product.

Protein Family	Isocitrate dehydrogenase

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