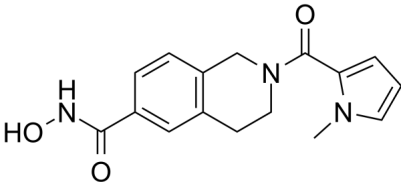


Certificate of Analysis

Catalog Number	BP14032
Product Name	MPI_5a

Physical and Chemical Properties

CAS No.	1259296-46-2
Chemical Formula	C ₁₆ H ₁₇ N ₃ O ₃
Molecular Weight	299.33
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	MPI_5a is an effective and selective inhibitor of HDAC6 (IC ₅₀ =36 nM). MPI_5a weakly inhibits other HDAC isoforms and it also inhibits acyl-tubulin accumulation in cells (IC ₅₀ : 210 nM).
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Targets&IC50	HDAC6:36 nM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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