MM-102 TFA

PRODUCT OVERVIEW

Product Name	MM-102, Biochemical
Full Product Name	MM-102 TFA
Product Gene Name	MM-102 biochemical
Product Synonym Names	HMTase Inhibitor IX TFA
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	783.83
Receptor	MLL1
Solubility	DMSO: 99ug/mL (126.3mM)
SMILES	OC(=O)C(F)(F)F.CCC(CC)(NC(=O)C(C)C)C(=O)N[C@@H](CCCNC(N)=N)C(=O)NC1(CCCC1)C(=O)NC(c1ccc(F)cc1)c1ccc(F)cc1
Molecular Formula	C37H50F5N7O6
CAS Number	1883545-52-5
Product Categories/Family for MM-102 biochemical	Other Targets; Others
Related Product Information for MM-102 biochemical	MM-102 TFA is a potent WDR5/MLL interaction inhibitor, achieves IC50 = 2.4 nM. MM-102 compound prevents the interaction between mixed lineage leukemia 1 (MLL1) and WD Trp-Asp repeat domain 5 (WDR5) and results in the inhibition of MLL1 H3K4 histone methyltransferase (HMT) activity.
Product References and Citations for MM-102 biochemical	1. Karatas H, et al. J uM Chem Soc. 2013, 135(2), 669-682.
Other Notes	Small volumes of MM-102 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 MM-102 purchase	MBS3612619 is a biochemical targeting MM-102. Also known as MM-102 TFA.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MM-102. It may not necessarily be applicable to this product.

Protein Family	Vomeronasal type-1 receptor
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