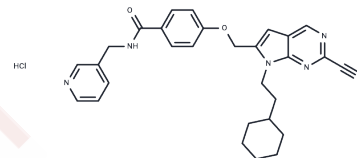


## LB-60-OF61 hydrochloride

### Chemical Properties

CAS No. :	742064-38-6
Formula:	C <sub>29</sub> H <sub>31</sub> ClN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	531.06
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	LB-60-OF61 hydrochloride is a highly effective inhibitor of NAMPT, targeting cell lines overexpressing MYC with cytotoxic properties and demonstrating selective action by interfering with the transfer of nicotinamide phosphoribosyl groups.
Targets(IC50)	Others, NAMPT
In vitro	LB-60-OF61 exhibits potent activity against HCT116 cells with an IC <sub>50</sub> of approximately 30 nM, as measured in a 384-well format [1].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.883 mL	9.4151 mL	18.8303 mL
5 mM	0.3766 mL	1.883 mL	3.7661 mL
10 mM	0.1883 mL	0.9415 mL	1.883 mL
50 mM	0.0377 mL	0.1883 mL	0.3766 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Estoppey D, et al. Identification of a novel NAMPT inhibitor by CRISPR/Cas9 chemogenomic profiling in mammalian cells. *Sci Rep.* 2017;7:42728. Published 2017 Feb 16.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481