

ABC44

## Chemical Properties

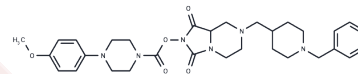
CAS No. : 1831135-46-6

Formula: C<sub>31</sub>H<sub>40</sub>N<sub>6</sub>O<sub>5</sub>

Molecular Weight: 576.69

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	ABC44 is a potent inhibitor of serine hydrolase with IC <sub>50</sub> s of 0.1 μM and 6.5 μM for palmitoyl protein thioesterase 1 (PPT1) in situ and in vitro, respectively. ABC44 can be used to study late infantile neuron-like lipofuscinosis.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.734 mL	8.6702 mL	17.3403 mL
5 mM	0.3468 mL	1.734 mL	3.4681 mL
10 mM	0.1734 mL	0.867 mL	1.734 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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