

BMS-466442

## Chemical Properties

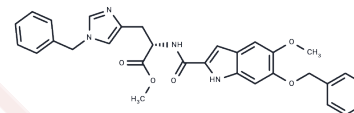
CAS No. : 1598424-76-0

Formula: C<sub>31</sub>H<sub>30</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 538.59

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	BMS-466442 is the first selective amino acid transporter alanine serine cysteine transporter-1 inhibitor.
Targets(IC50)	Others,Adrenergic Receptor,Dopamine Receptor,ASCT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8567 mL	9.2835 mL	18.567 mL
5 mM	0.3713 mL	1.8567 mL	3.7134 mL
10 mM	0.1857 mL	0.9283 mL	1.8567 mL
50 mM	0.0371 mL	0.1857 mL	0.3713 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

Brown JM, Hunihan L, Prack MM, Harden DG, Bronson J, Dzierba CD, Gentles RG, Hendricson A, Krause R, Macor JE, Westphal RS. In vitro Characterization of a small molecule inhibitor of the alanine serine cysteine transporter -1 (SLC7A10). J Neurochem. 2014 Apr;129(2):275-83. doi: 10.1111/jnc.12618. Epub 2013 Dec 10. PubMed PMID: 24266811.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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