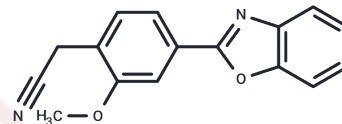


BOMA

Chemical Properties

CAS No. : 540496-84-2
 Formula: C₁₆H₁₂N₂O₂
 Molecular Weight: 264.279
 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	BOMA (Compound 7) is a potent and selective antagonist of the metabolic glutamate receptor 5 (mGluR5), exhibiting an IC ₅₀ value of 3 nM and a K _i value of 3 nM. It holds promise for research in various pain conditions, including acute, persistent, and chronic pain, as well as inflammatory and neuropathic pain.
Targets(IC50)	GluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7839 mL	18.9193 mL	37.8387 mL
5 mM	0.7568 mL	3.7839 mL	7.5677 mL
10 mM	0.3784 mL	1.8919 mL	3.7839 mL
50 mM	0.0757 mL	0.3784 mL	0.7568 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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