

KB-5492 FA

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>32</sub>N<sub>2</sub>O<sub>8</sub>

Molecular Weight: 476.52

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	KB-5492 FA is a selective sigma receptor inhibitor with antiulcerogenic effects.128-52-56-8
Targets(IC50)	Sigma receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0985 mL	10.4927 mL	20.9855 mL
5 mM	0.4197 mL	2.0985 mL	4.1971 mL
10 mM	0.2099 mL	1.0493 mL	2.0985 mL
50 mM	0.042 mL	0.2099 mL	0.4197 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

Morimoto Y, et al. Effects of KB-5492, a new anti-ulcer agent, on ethanol- and acidified aspirin-induced gastric mucosal damage in vivo and in vitro. Jpn J Pharmacol. 1994 Jan;64(1):41-7.

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