

AD353

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>30</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 366.5

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	AD353 is a selective sigma-1 receptor ligand. It demonstrates high efficacy in models of capsaicin-induced allodynia and PGE2-induced mechanical hyperalgesia. Additionally, AD353 exhibits favorable pharmacokinetic properties.
Targets(IC50)	Sigma receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7285 mL	13.6426 mL	27.2851 mL
5 mM	0.5457 mL	2.7285 mL	5.457 mL
10 mM	0.2729 mL	1.3643 mL	2.7285 mL
50 mM	0.0546 mL	0.2729 mL	0.5457 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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