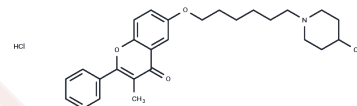


## Sigma-LIGAND-1 hydrochloride

## Chemical Properties

CAS No. :	139652-86-1
Formula:	C <sub>27</sub> H <sub>34</sub> ClNO <sub>4</sub>
Molecular Weight:	472.02
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	Sigma-LIGAND-1 hydrochloride is a selective sigma receptor ligand with activity at DTG (IC <sub>50</sub> : 16 nM) and PPP (IC <sub>50</sub> : 19 nM) sites, and can also act on the dopamine D2 receptor (K <sub>i</sub> : 4000 nM).
Targets(IC <sub>50</sub> )	Others,Sigma receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1186 mL	10.5928 mL	21.1855 mL
5 mM	0.4237 mL	2.1186 mL	4.2371 mL
10 mM	0.2119 mL	1.0593 mL	2.1186 mL
50 mM	0.0424 mL	0.2119 mL	0.4237 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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