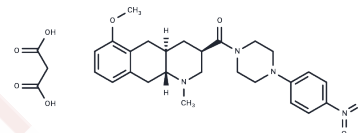


## SRA880 malonate

## Chemical Properties

CAS No. :	573984-99-3
Formula:	C <sub>29</sub> H <sub>36</sub> N <sub>4</sub> O <sub>8</sub>
Molecular Weight:	568.62
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	SRA880 is a non-peptide somatostatin sst(1) receptor antagonist which displays a significantly lower affinity for the other human recombinant somatostatin receptors ( pK (d)= 6.0) or a wide range of neurotransmitter receptors, except for the human dopamine D4 receptors. SRA880 positively modulates the release of endogenous SRIF, was found to synergize with imipramine in causing antidepressant-like effects in the tail suspension test.
Targets(IC50)	Others,Somatostatin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7586 mL	8.7932 mL	17.5864 mL
5 mM	0.3517 mL	1.7586 mL	3.5173 mL
10 mM	0.1759 mL	0.8793 mL	1.7586 mL
50 mM	0.0352 mL	0.1759 mL	0.3517 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

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Marazioti A, Pitychoutis PM, Papadopoulou-Daifoti Z, Spyraiki C, Thermos K. Activation of somatostatin receptors in the globus pallidus increases rat locomotor activity and dopamine release in the striatum. *Psychopharmacology (Berl)*. 2008 Dec;201(3):413-22. doi: 10.1007/s00213-008-1305-6. Epub 2008 Sep 3. PubMed PMID: 18766330.

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