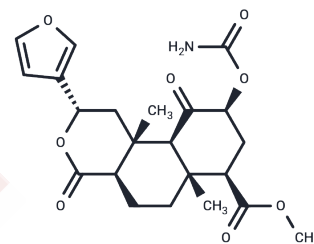


## Salvinorin A Carbamate

## Chemical Properties

CAS No. :	858345-57-0
Formula:	C <sub>22</sub> H <sub>27</sub> N <sub>0</sub> O <sub>8</sub>
Molecular Weight:	433.457
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	Salvinorin A carbamate, a potent $\kappa$ -opioid receptor (KOR) full agonist, exhibits nearly the same potency as salvinorin A, with EC <sub>50</sub> values of 6.2 and 4.5 nM, respectively, for activating the human KOR to augment the binding of [ <sup>35</sup> S]GTP $\gamma$ S. Enhancing biological stability, the addition of a carbamate group to salvinorin A reduces deacetylation.
Targets(IC <sub>50</sub> )	Others,Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.307 mL	11.5351 mL	23.0702 mL
5 mM	0.4614 mL	2.307 mL	4.614 mL
10 mM	0.2307 mL	1.1535 mL	2.307 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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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