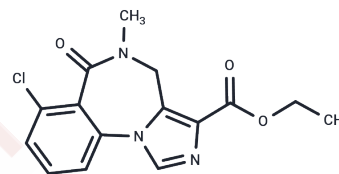


## Sarmazenil

## Chemical Properties

CAS No. :	78771-13-8
Formula:	C <sub>15</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	319.74
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	Sarmazenil (Ro 15-3505) is a partial inverse agonist at the benzodiazepine receptor with pro-convulsant properties and is used in the study of chronic hepatic encephalopathy (HE).
Targets(IC50)	GABA Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1275 mL	15.6377 mL	31.2754 mL
5 mM	0.6255 mL	3.1275 mL	6.2551 mL
10 mM	0.3128 mL	1.5638 mL	3.1275 mL
50 mM	0.0626 mL	0.3128 mL	0.6255 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

Meyer HP, et al. Improvement of chronic hepatic encephalopathy in dogs by the benzodiazepine-receptor partial inverse agonist sarmazenil, but not by the antagonist flumazenil. *Metab Brain Dis.* 1998 Sep;13(3):241-51.

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