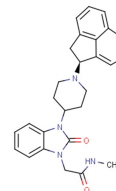


MT-7716 free base

**Chemical Properties**

CAS No.:	610323-32-5
Formula:	C <sub>27</sub> H <sub>28</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	440.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	MT-7716 free base is a selective non-peptide agonist of nociceptin receptor (NOP). It is used for promising potential treatment drugs for alcohol abuse and relapse prevention.
Targets(IC <sub>50</sub> )	Nociceptin receptor: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.27 mL	11.35 mL	22.699 mL
5 mM	0.454 mL	2.27 mL	4.54 mL
10 mM	0.227 mL	1.135 mL	2.27 mL
50 mM	0.045 mL	0.227 mL	0.454 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. de Guglielmo G, et al, MT-7716, a potent NOP receptor agonist, preferentially reduces ethanol seeking and reinforcement in post-dependent rats. Addict Biol. 2015 Jul;20(4):643-51.

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