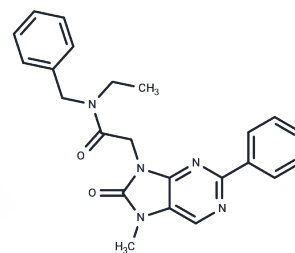


Emapunil

Chemical Properties

CAS No. :	226954-04-7
Formula:	C ₂₃ H ₂₃ N ₅ O ₂
Molecular Weight:	401.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Emapunil (XBD-173) is an anxiolytic drug which acts as a selective agonist at the peripheral benzodiazepine receptor, also known as the mitochondrial 18 kDa translocator protein or TSPO.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (124.55 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4909 mL	12.4545 mL	24.9091 mL
5 mM	0.4982 mL	2.4909 mL	4.9818 mL
10 mM	0.2491 mL	1.2455 mL	2.4909 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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.

Reference

Rupprecht R, et al. Science. 2009 Jul 24;325(5939):490-3.

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