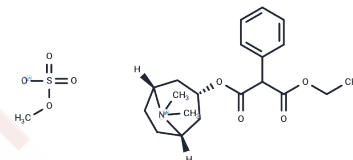


Tematropium

Chemical Properties

CAS No. :	113932-41-5
Formula:	C ₂₁ H ₃₁ N ₀ S ₀
Molecular Weight:	457.54
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	Tematropium (CDDD3602) possesses anticholinergic effects and can be used in neurological studies.
Targets(IC50)	AChR

Solubility Information

Solubility	DMSO: 50 mg/mL (109.28 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	2.1856 mL	10.928 mL	21.856 mL
5 mM	0.4371 mL	2.1856 mL	4.3712 mL
10 mM	0.2186 mL	1.0928 mL	2.1856 mL
50 mM	0.0437 mL	0.2186 mL	0.4371 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

- Buchwald P, et al. Recent advances in the design and development of soft drugs. Pharmazie. 2014 Jun;69(6):403-13.
- Nigel.L.Web, et al. Fatty acid-anticancer conjugates and uses thereof. CN1377282A

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