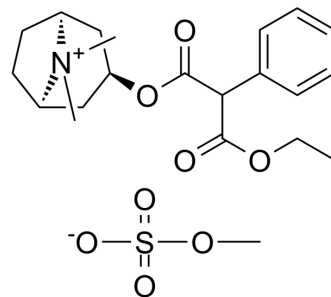


Tematropium

Cat. No.:	HY-U00203
CAS No.:	113932-41-5
Molecular Formula:	C ₂₁ H ₃₁ NO ₈ S
Molecular Weight:	457.54
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (546.40 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM	2.1856 mL	10.9280 mL	21.8560 mL	
		5 mM	0.4371 mL	2.1856 mL	4.3712 mL	
		10 mM	0.2186 mL	1.0928 mL	2.1856 mL	
Please refer to the solubility information to select the appropriate solvent.						

BIOLOGICAL ACTIVITY

Description	Tematropium (CDDD3602) is a soft anticholinergics.
IC ₅₀ & Target	Anticholinergics ^[1]
In Vitro	Tematropium is a neurological agent ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Buchwald P, et al. Recent advances in the design and development of soft drugs. Pharmazie. 2014 Jun;69(6):403-13.

[2]. Nigel.L.Web, et al. Fatty acid-anticancer conjugates and uses thereof. CN1377282A

Caution: Product has not been fully validated for medical applications. For research use only.

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