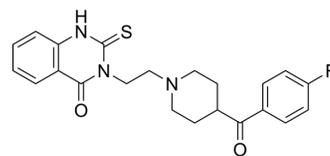


Altanserin

Cat. No.:	HY-119156		
CAS No.:	76330-71-7		
Molecular Formula:	C ₂₂ H ₂₂ FN ₃ O ₂ S		
Molecular Weight:	411.49		
Target:	5-HT Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 19.23 mg/mL (46.73 mM); ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.4302 mL	12.1510 mL	24.3019 mL
		5 mM	0.4860 mL	2.4302 mL	4.8604 mL
10 mM		0.2430 mL	1.2151 mL	2.4302 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.92 mg/mL (4.67 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Altanserin can synthesize Fluorine-18 Altanserin. Fluorine-18 Altanserin binds to the brain 5HT ₂ receptors ^[1] .
In Vitro	Altanserin can synthesize Fluorine-18 Altanserin ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Biver F, et al. Multicompartmental study of fluorine-18 altanserin binding to brain 5HT₂ receptors in humans using positron emission tomography. Eur J Nucl Med. 1994;21(9):937-946.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA