Altanserin

Cat. No.: HY-119156

CAS No.: 76330-71-7

Molecular Formula: $C_{22}H_{22}FN_3O_2S$

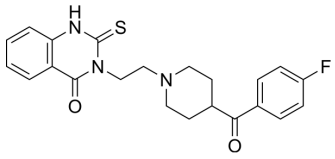
Molecular Weight: 411.49

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)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	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.

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