(±)-Amiflamine

Cat. No.: HY-119885A

CAS No.: 77502-96-6

Molecular Formula: $C_{12}H_{20}N_2$

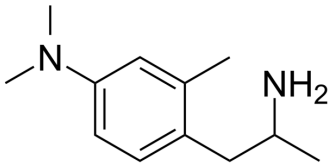
Molecular Weight: 192.3

Target: Monoamine Oxidase

Pathway: Neuronal Signaling

Storage:

Pure form	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (130.01 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	5.2002 mL	26.0010 mL	52.0021 mL
5 mM	1.0400 mL	5.2002 mL	10.4004 mL
10 mM	0.5200 mL	2.6001 mL	5.2002 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(±)-Amiflamine (FLA 336) is a potent monoamine oxidase-A (MAO-A) inhibitor with a pIC_{50} of 5.57[1].

IC_{50} & Target

MAO-A

5.57 (pIC_{50})

REFERENCES

[1]. Vallejos G, et al. Charge-transfer interactions in the inhibition of MAO-A by phenylisopropylamines--a QSAR study. J Comput Aided Mol Des. 2002;16(2):95-103.

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

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