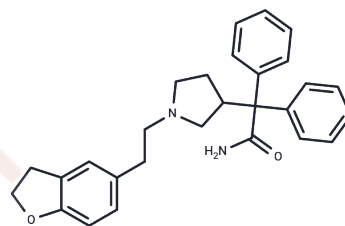


(±)-Darifenacin

Chemical Properties

CAS No. :	133033-93-9
Formula:	C ₂₈ H ₃₀ N ₂ O ₂
Molecular Weight:	426.55
Appearance:	no data available
Storage:	store at low temperature
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(±)-Darifenacin ((±)-UK-88525) is a potential inhibitor of p53-MDM2 interaction with anticancer activity for the study of overactive bladder, Alzheimer's disease and Parkinson's disease.
Targets(IC50)	AChR

Solubility Information

Solubility	DMSO: 80 mg/mL (187.55 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3444 mL	11.722 mL	23.4439 mL
5 mM	0.4689 mL	2.3444 mL	4.6888 mL
10 mM	0.2344 mL	1.1722 mL	2.3444 mL
50 mM	0.0469 mL	0.2344 mL	0.4689 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.

Reference

Hegde SS, et al. Functional role of M2 and M3 muscarinic receptors in the urinary bladder of rats in vitro and in vivo. Br J Pharmacol. 1997 Apr;120(8):1409-18.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481