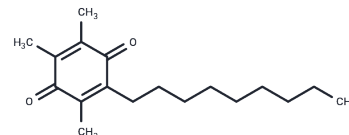


Utreloxastat

Chemical Properties

CAS No. : 1213269-96-5
Formula: C₁₈H₂₈O₂
Molecular Weight: 276.41
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Utreloxastat (PTC857) is a novel 15-lipoxygenase inhibitor that can be used to study amyotrophic lateral sclerosis.
Targets(IC ₅₀)	Lipoxygenase

Solubility Information

Solubility	DMSO: 30 mg/mL (108.53 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6178 mL	18.0891 mL	36.1781 mL
5 mM	0.7236 mL	3.6178 mL	7.2356 mL
10 mM	0.3618 mL	1.8089 mL	3.6178 mL
50 mM	0.0724 mL	0.3618 mL	0.7236 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

Gao L, Giannousis P, et al. First-in-Human Studies of Pharmacokinetics and Safety of Utreloxastat (PTC857), a Novel 15-Lipoxygenase Inhibitor for the Treatment of Amyotrophic Lateral Sclerosis. Clin Pharmacol Drug Dev.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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