Data Sheet (Cat.No.T13294)



Veledimex (S enantiomer)

Chemical Propert	ties	
CAS No. :	1093131-03-3	
Formula:	C27H38N2O3	CH ₃ O
Molecular Weight:	438.6	
Appearance:	no data available	0 CH ₃
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	CH ₃

Biological Description

Description	Veledimex S enantiomer is the S enantiomer of veledimex. Veledimex is an oral activator ligand for a proprietary gene therapy promoter system and CYP3A4/5 inhibitor.
Targets(IC50)	Others
In vivo	Ad-RTS-mIL-12 + veledimex have demonstrated a dose-related increase in tumor IL-12 mRNA and IL-12 protein expression.In numerous syngeneic mouse tumor models, Discontinuation of veledimex resulted in a return to baseline IL-12 mRNA and protein expression. Veledimex crosses the blood-brain-barrier in both naive and orthotopic GL- 261 mice with increased brain tissue level of -6 fold observed in tumor bearing vs. normal mice. Ad-RTS-mIL-12 + veledimex demonstrate a dose-related increase in survival without significant adverse events[2].

Preparing Stock Solutions

0	1mg	5mg	10mg
1 mM	2.280 mL	11.3999 mL	22.7998 mL
5 mM	0.456 mL	2.280 mL	4.560 mL
10 mM	0.228 mL	1.140 mL	2.280 mL
50 mM	0.0456 mL	0.228 mL	0.456 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

Cai H, et al. Plasma Pharmacokinetics of Veledimex, a Small-Molecule Activator Ligand for a Proprietary Gene Therapy Promoter System, in Healthy Subjects. Clin Pharmacol Drug Dev. 2017 May;6(3):246-257.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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