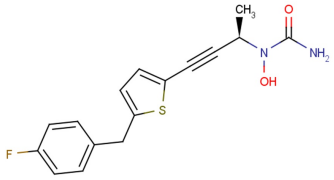
Data Sheet (Cat.No.T14343)

TargetMol
A DRUG SCREENING EXPERT

Atreleuton

Chemical Properties



CAS No.:	154355-76-7
Formula:	C16H15FN2O2S
Molecular Weight:	318.37
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	Atreleuton (ABT-761) exhibits potent and selective inhibition of leukotriene formation[1][2][3]. Atreleuton (ABT-761) is a selective, reversible, and orally bioavailable 5-Lipoxygenase (5-LO) inhibitor.
Targets(IC_{50})	5-LO: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.141 mL	15.705 mL	31.41 mL
5 mM	0.628 mL	3.141 mL	6.282 mL
10 mM	0.314 mL	1.57 mL	3.141 mL
50 mM	0.063 mL	0.314 mL	0.628 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. VIA Pharmaceuticals Meets With FDA to Discuss Next Steps For VIA-2291 and Phase 3 Outcome Trial in Cardiovascular Disease. VIA Pharmaceuticals, Inc.
2. Reid JJ, et al. ABT-761 (Abbott). Curr Opin Investig Drugs. 2001 Jan;2(1):68-71.
3. Bell RL, et al. ABT-761 attenuates bronchoconstriction and pulmonary inflammation in rodents. J Pharmacol Exp Ther. 1997 Mar;280(3):1366-73.

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