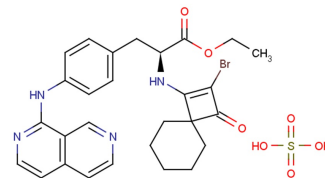


Zaurategrast ethyl ester sulfate

Chemical Properties

CAS No.:	1214261-78-5
Formula:	C ₂₈ H ₂₉ BrN ₄ O ₃ ·1/2H ₂ O ₄ S
Molecular Weight:	647.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Zaurategrast ethyl ester sulfate is a $\alpha 4\beta 1/\alpha 4\beta 7$ integrin antagonist, and used for the treatment of inflammatory and autoimmune disorders.
Targets(IC ₅₀)	$\alpha 4\beta 1/\alpha 4\beta 7$ integrin: None
In vitro	Zaurategrast ethyl ester sulfate is an ethyl ester prodrug of CT7758, shows some improvements in increasing mass transfer[1].

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.544 mL	7.722 mL	15.443 mL
5 mM	0.309 mL	1.544 mL	3.089 mL
10 mM	0.154 mL	0.772 mL	1.544 mL
50 mM	0.031 mL	0.154 mL	0.309 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 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Chanteux H, et al. Cross-Species Differences in the Preclinical Pharmacokinetics of CT7758, an $\alpha 4\beta 1/\alpha 4\beta 7$ Integrin Antagonist. Drug Metab Dispos. 2015 Sep;43(9):1381-91.
- Davenport RJ, et al. Alpha4-integrin antagonism--an effective approach for the treatment of inflammatory diseases? Drug Discov Today. 2007 Jul;12(13-14):569-76.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481