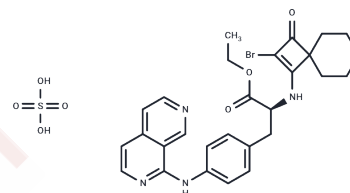


Zaurategrast ethyl ester sulfate

Chemical Properties

CAS No. :	1214261-78-5
Formula:	C ₅₆ H ₆₀ Br ₂ N ₈ O ₁₀ S
Molecular Weight:	1197.01
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



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(IC50)	Others,Integrin
In vitro	Zaurategrast ethyl ester sulfate is an ethyl ester prodrug of CT7758, shows some improvements in increasing mass transfer[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8354 mL	4.1771 mL	8.3541 mL
5 mM	0.1671 mL	0.8354 mL	1.6708 mL
10 mM	0.0835 mL	0.4177 mL	0.8354 mL
50 mM	0.0167 mL	0.0835 mL	0.1671 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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.

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