
Product Data Sheet

Product Name: Zaurategrast ethyl ester sulfate

Cat. No.: GC37962

Chemical Properties

Cas. No. 1214261-78-5

O=C(OCC)[C@H]

SMILES (CC1=CC=C(NC2=NC=CC3=C2C=NC=C3)C=C1)NC4=C(Br)C(C45CCCCC5)=O.O=S(O)(O)=O

Formula C₂₈H₂₉BrN₄O₃·1/2H₂O₄S

M.Wt 647.54

Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Zaurategrast ethyl ester sulfate (CDP323 sulfate), the ethyl ester prodrug of CT7758[1], is a $\alpha 4\beta 1/\alpha 4\beta 7$ integrin antagonist used for the treatment of inflammatory and autoimmune disorders[2]. $\alpha 4\beta 1/\alpha 4\beta 7$ integrin[1]

Zaurategrast ethyl ester sulfate (CDP323 sulfate), an ethyl ester prodrug of CT7758, shows some improvements in increasing mass transfer[1].

[1]. 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. [2]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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