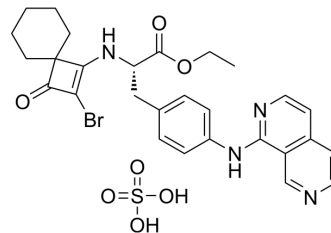


Zaurategrast ethyl ester sulfate

Cat. No.:	HY-75385A
CAS No.:	1214261-78-5
Molecular Formula:	$C_{28}H_{29}BrN_4O_3 \cdot 1/2 H_2O_4S$
Molecular Weight:	647.54
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Zaurategrast ethyl ester sulfate (CDP323 sulfate), the ethyl ester proagent 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] .
IC₅₀ & Target	$\alpha 4\beta 1/\alpha 4\beta 7$ integrin ^[1]
In Vitro	Zaurategrast ethyl ester sulfate (CDP323 sulfate), an ethyl ester prodrug of CT7758, shows some improvements in increasing mass transfer ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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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