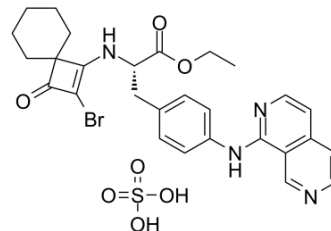


## Zaurategrast ethyl ester sulfate

Cat. No.:	HY-75385A
CAS No.:	1214261-78-5
Molecular Formula:	C <sub>28</sub> H <sub>29</sub> BrN <sub>4</sub> O <sub>3.1/2</sub> H <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	647.54
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Zaurategrast ethyl ester sulfate (CDP323 sulfate), the ethyl ester prodrug of CT7758 <sup>[1]</sup> , is a $\alpha 4\beta 1/\alpha 4\beta 7$ integrin antagonist used for the treatment of inflammatory and autoimmune disorders <sup>[2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	$\alpha 4\beta 1/\alpha 4\beta 7$ integrin <sup>[1]</sup>
<b>In Vitro</b>	Zaurategrast ethyl ester sulfate (CDP323 sulfate), an ethyl ester prodrug of CT7758, shows some improvements in increasing mass transfer <sup>[1]</sup> . 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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