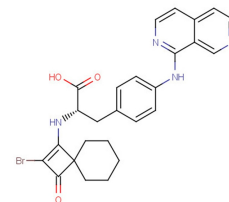


## Zaurategrast

## Chemical Properties

CAS No.:	455264-31-0
Formula:	C <sub>26</sub> H <sub>25</sub> BrN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	521.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Zaurategrast is an effective and oral-effective inhibitor of the $\alpha 4$ -integrin.
Targets(IC <sub>50</sub> )	$\alpha 4$ -integrin: None
In vitro	Zaurategrast, containing $\alpha 4\beta 1/\alpha 4\beta 7$ integrin antagonist, is a carboxylate [1].

## Solubility Information

Solubility	DMSO: 100 mg/mL (191.79 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.918 mL	9.589 mL	19.179 mL
5 mM	0.384 mL	1.918 mL	3.836 mL
10 mM	0.192 mL	0.959 mL	1.918 mL
50 mM	0.038 mL	0.192 mL	0.384 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

1. Wolf C, et al. Pharmacodynamic consequences of administration of VLA-4 antagonist CDP323 to multiple sclerosis subjects: a randomized, double-blind phase 1/2 study. PLoS One. 2013;8(3):e58438.
2. Chanteux H, et al. In Vitro Hydrolysis and Transesterification of CDP323, an  $\alpha 4\beta 1/\alpha 4\beta 7$  Integrin Antagonist Ester Prodrug. Drug Metab Dispos. 2014 Jan;42(1):153-61.
3. 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.

Inhibitors · Natural Compounds · Compound Libraries

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