

Product Data Sheet

Product Name: Aleplasinin

Cat. No.: GC65281

Chemical Properties

Cas. No. 481629-87-2

Formula C₂₈H₂₇NO₃

M.Wt 425.52

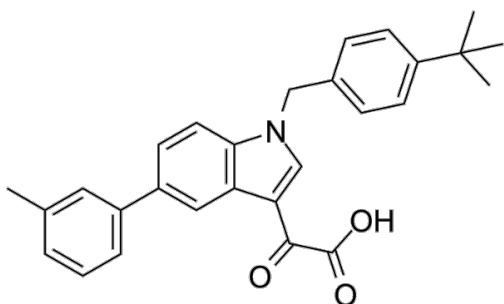
Solubility DMSO : 250 mg/mL (587.52 mM; Need ultrasonic)

Storage 4°C, protect from light

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



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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Aleplasinin is an orally active, potent, BBB-penetrated and selectiveSERPINE1 (PAI-1, Plasminogen activator inhibitor-1) inhibitor. Aleplasinin increases amyloid- β (A β) catabolism and ameliorates amyloid-related pathology. Aleplasinin improves memory deficiency. Aleplasinin can be used for Alzheimer's disease research[1][2].

- [1]. Zhao J, Pei G. Evoking plasmin for beta-amyloid clearance. Cell Res. 2008 Aug;18(8):803-4.
[2]. Kellici TF, Pilka ES, Bodkin MJ. Therapeutic Potential of Targeting Plasminogen Activator Inhibitor-1 in COVID-19. Trends Pharmacol Sci. 2021 Jun;42(6):431-433.

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