

Product Data Sheet

Product Name: K284-6111

Cat. No.: GC73144

Chemical Properties

Cas. No. 702668-62-0

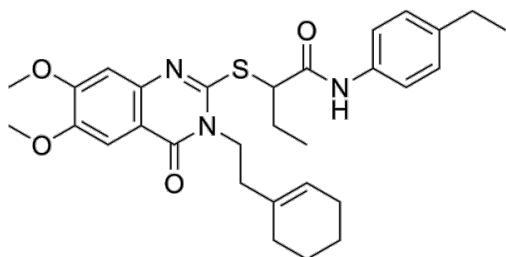
Formula $C_{30}H_{37}N_3O_4S$ M.Wt 535.7

Solubility DMSO : 2 mg/mL (3.73 mM); ultrasonic and warming and heat to 60°C) Storage -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

K284-6111 is an orally active inhibitor for protein chitinase 3-like 1 (CHI3L1). K284-6111 reduces the expression of inflammatory proteins such as iNOS, COX-2, GFAP, and Iba-1, inhibits β -secretase and NF- κ B, and suppresses A β production. K284-6111 ameliorates the A β 1–42-induced mice memory impairment, and can be used in research about Alzheimer's Diseases.

References:

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

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[1]. Choi JY, et al., K284-6111 prevents the amyloid beta-induced neuroinflammation and impairment of recognition memory through inhibition of NF- κ B-mediated CHI3L1 expression. J Neuroinflammation. 2018 Aug 11;15(1):224.

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