
Product Data Sheet

Product Name: Dendrotoxin K

Cat. No.: GC64863

Chemical Properties

Cas. No. 119128-61-9

Formula C₂₉₄H₄₆₂N₈₄O₇₅₅S₆

M.Wt 6565.72

Solubility

Storage

Store at -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

Dendrotoxin K is a Kv1.1 channel blocker. Dendrotoxin K determines glutamate release in CA3 neurons in a time-dependent manner through the control of the presynaptic spike waveform[1].

[1]. Bialowas A, et al. Analog modulation of spike-evoked transmission in CA3 circuits is determined by axonal Kv1.1 channels in a time-dependent manner. Eur J Neurosci. 2015 Feb;41(3):293-304.

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

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