

Product Data Sheet

Product Name: Gabapentin lactam

Cat. No.: GB40202

Chemical Properties

Cas. No. 64744-50-9

Formula $C_9H_{15}NO$

M.Wt 153.22

Solubility

Storage

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

Gabapentin lactam (CAS 64744-50-9) reduces protein aggregates and improves motor performance in a transgenic mouse model of Huntington's disease. Displays neurotrophic effects, enhancing the formation of dendritic filopodia and inducing a network of F-actin-containing neurites in cultured

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

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hippocampal neurons. Promotes the survival of cultured central nervous system neurons possibly by opening mitochondrial KATP channels. Displays neuroprotective effects in a rat model of acute retinal ischemia.

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