

Product Data Sheet

Product Name: 2GBI
Cat. No.: GB40069

Chemical Properties

Cas. No. 5418-95-1

Formula $C_8H_9N_5$ M.Wt 175.19

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

2GBI (5418-95-1) is a selective and state-dependent blocker of voltage-gated proton channels (Hv1). 2GBI blocks the channel by binding to the voltage-sensing domain from its intracellular side.

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

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Inhibition of Hv1 is a potentially new target of intervention in various pathophysiological processes including inflammatory, cancer, bone resorption and neurodegenerative disease.

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