

Product Data Sheet

Product Name: REM127
Cat. No.: GC74006

Chemical Properties

Cas. No. 1417823-67-6

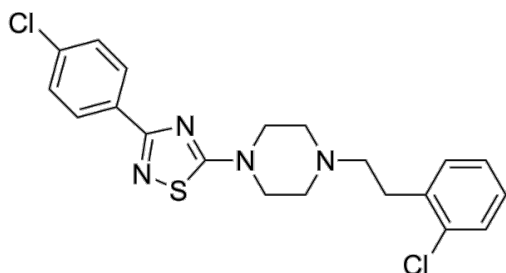
Formula $C_{20}H_{20}Cl_2N_4S$ M.Wt 419.37

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

REM127 is a small molecule compound capable of modulating calcium homeostasis in cells and possesses neuroprotective effects. REM127 can restore the calcium homeostasis imbalance in cellular models caused by pathological accumulation of tau protein. REM127 can efficiently cross the blood-brain barrier, and it has the potential to rescue synaptic and cognitive deficits in Alzheimer's disease animal models, as well as to slow down the progression of amyloid-beta and tau protein pathologies. REM127 can be used for research in neurodegenerative diseases.

References:

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

Product Data Sheet

[1]. Princen K, et al. Pharmacological modulation of septins restores calcium homeostasis and is neuroprotective in models of Alzheimer's disease[J]. Science, 2024, 384(6699): eadd6260.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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