

Product Data Sheet

Product Name: OV329 hydrochloride

Cat. No.: GC79500

Chemical Properties

Cas. No. 2093928-29-9

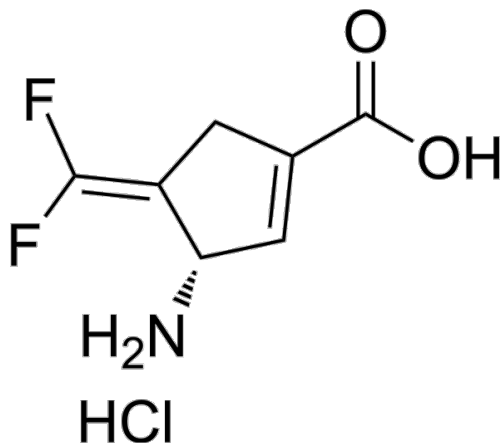
Formula $C_7H_8ClF_2NO_2$ M.Wt 211.59

Solubility DMSO: 100 mg/mL (472.61 mM; Need ultrasonic) 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

OV329 hydrochloride is a potent GABA aminotransferase inactivator. OV329 hydrochloride is a Vigabatrin analogue. OV329 hydrochloride can increase brain GABA levels and block abnormal

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

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intracerebral hyperexcitability. OV329 hydrochloride exhibits anticonvulsant and antiepileptic activities. OV329 hydrochloride can be used for the research of neurological disease, such as seizure [1].

In Vivo, OV329 hydrochloride (5-40 mg/kg, i.p.) shows anticonvulsant effect in pentylenetetrazole-induced seizing rats^[1]. OV329 hydrochloride (30-40 mg/kg, i.p.) increases the afterdischarge threshold in amygdala-kindled rats^[1].

References:

[1]. Feja M, et al. OV329, a novel highly potent γ -aminobutyric acid aminotransferase inactivator, induces pronounced anticonvulsant effects in the pentylenetetrazole seizure threshold test and in amygdala-kindled rats. *Epilepsia*. 2021 Dec;62(12):3091-3104.

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