

Product Data Sheet

Product Name: DSP-0565

Cat. No.: GC70389

Chemical Properties

Cas. No. 1226855-28-2

Formula $C_{14}H_{12}FNO$

M.Wt 229.25

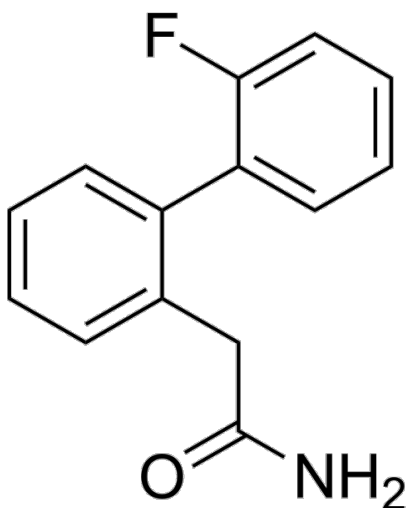
Solubility

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

DSP-0565 (compound 17a) is a strong, broad-spectrum anti-epileptic agent (AED) candidate with unique GABAergic function. DSP-0565 shows anti-convulsant activity in various models (scPTZ, MES, 6 Hz and amygdala kindling) with good safety margin.

References:

[1]. Tanaka T, et al. Identification of 2-(2'-fluoro-[1,1'-biphenyl]-2-yl)acetamide as a Sodium Valproate-like broad spectrum anti-epileptic drug candidate. Bioorg Med Chem Lett. 2019 Jan 15;29(2):138-142.

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

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