

Product Data Sheet

Product Name: NR2E3 agonist 1

Cat. No.: GC71479

Chemical Properties

Cas. No. 911211-69-3

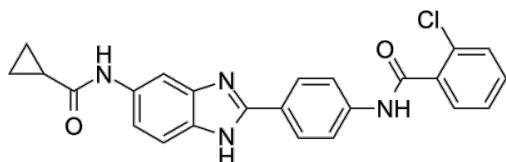
Formula $C_{24}H_{19}ClN_4O_2$ M.Wt 430.89

Solubility DMSO : 100 mg/mL (232.08 mM); Storage
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

NR2E3 agonist 1 (Compound 11a) is a small molecule agonist of the photoreceptor-specific nuclear receptor (NR2E3) with an EC₅₀ value of less than 200 nM. NR2E3 agonist 1 can be used in retinitis pigmentosa research.

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

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References:

[1]. Wolkenberg SE, et al. Identification of potent agonists of photoreceptor-specific nuclear receptor (NR2E3) and preparation of a radioligand. Bioorg Med Chem Lett. 2006 Oct 1;16(19):5001-4.

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