

Product Data Sheet

Product Name: NR2F6 modulator-2

Cat. No.: GC81642

Chemical Properties

Cas. No. 22978-55-8

Formula $C_{13}H_9ClN_2O_4$ M.Wt 292.67

Solubility DMSO: 25 mg/mL (85.42 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.

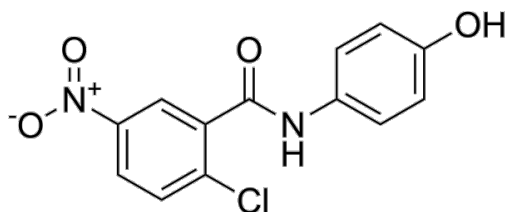
Caution: Product has not been fully validated for medical applications. For research use only.

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

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Structure



Background

NR2F6 modulator-2 (Compound I) is an autorepressed orphan nuclear receptor NR2F6 (Nuclear Receptor subfamily 2 group F member 6) modulator. NR2F6 modulator-2 can inhibit the recruitment of the bio-NSD1 peptide with an IC_{50} of 2.0 equivalents of NR2F6. NR2F6 modulator-2 can be used for the researches of cancer and immunology ^[1].

References:

[1]. Oerlemans GJM, et al. Structural Elucidation and Covalent Modulation of the Autorepressed Orphan Nuclear Receptor NR2F6. ACS Chem Biol. 2025 Sep 19;20(9):2308-2317.

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