

Product Data Sheet

Product Name: STING agonist-12

Cat. No.: GC65282

Chemical Properties

Cas. No. 2259624-71-8

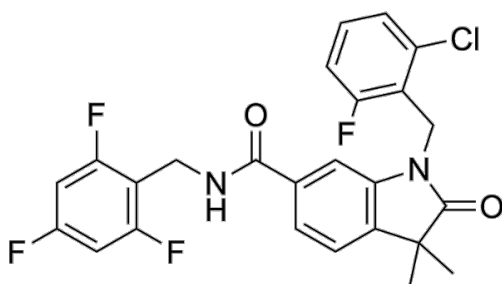
Formula $C_{25}H_{19}ClF_4N_2O_2$ M.Wt 490.88

Solubility DMSO : 250 mg/mL (509.29 mM; Storage 4°C, protect from light
Need ultrasonic)

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

STING agonist-12 (Compound 53) is a potent, orally active human STING activator with an EC₅₀ of 185 nM[1].

STING agonist-12 (Compound 53) (10 μM) shows excellent pan-polymorph activity across the panel of STING proteins (92%, 107% and 92% against R232, H232 and HAQ, respectively) in HEK293T cells[1]. STING agonist-12 is not active at mouse STING[1].

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

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STING agonist-12 (Compound 53) (5 mpk for i.v.; 10 mpk for p.o.) is well-absorbed with a short terminal half-life[1].

[1]. Pryde DC, et al. The discovery of potent small molecule activators of human STING. Eur J Med Chem. 2021 Jan 1;209:112869.

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