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**Product Data Sheet**

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Product Name: STING ligand-1

Cat. No.: GC34322

**Chemical Properties**

Cas. No. 2365039-41-2

SMILES O=C1C2=CC(F)=CC=C2[C@H](CC(O)=O)[C@@H](C3=CC(OCCO4)=C4C=C3)N1C5=CC(Cl)=C(C(C)(C)C)C=C5Formula C<sub>29</sub>H<sub>27</sub>ClFNO<sub>5</sub> M.Wt 523.98

Solubility DMSO : 100 mg/mL (190.85 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**STING ligand-1 is a lead STING ligand with an IC<sub>50</sub> of 68 nM for HAQ STING[1].

STING ligand-1 (Compound 18) exhibits functional inhibition of STING mediated cytokine release[1].

[1]. Siu T, et al. Discovery of a Novel cGAMP Competitive Ligand of the Inactive Form of STING. ACS Med Chem Lett. 2018 Dec 6;10(1):92-97.

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

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