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**Product Data Sheet**

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Product Name: ROR agonist-1

Cat. No.: GC37556

**Chemical Properties**

Cas. No. 2361528-74-5

SMILES O=C([C@H](NC(C)=O)C1=CC=C(S(=O)(CC)=O)C=C1)NC2=CC=C(C(O)(C(F)(F)F)C(F)(F)F)C=C2Formula C<sub>21</sub>H<sub>20</sub>F<sub>6</sub>N<sub>2</sub>O<sub>5</sub>S

M.Wt 526.45

Solubility Soluble in DMSO

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**

ROR agonist-1 is a potent and orally bioavailable inverse agonist of the retinoic acid receptor-related orphan receptor C2 (RORC2), inhibition of IL-17A production from human primary TH 17 cells with a pIC<sub>50</sub> of 7.5[1]. pIC<sub>50</sub>: 7.5 (human primary TH 17 cells)[1]

[1]. von Berg S, et al. Discovery of Potent and Orally Bioavailable Inverse Agonists of the Retinoic Acid Receptor-Related Orphan Receptor C2. ACS Med Chem Lett. 2019 May 29;10(6):972-977.

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

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