

Product Data Sheet

Product Name: IL-2-IN-1
Cat. No.: GC71113

Chemical Properties

Cas. No. 245747-10-8

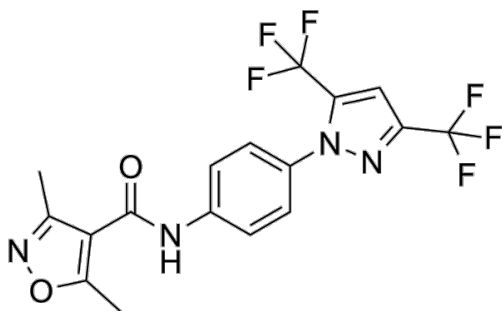
Formula $C_{17}H_{12}F_6N_4O_2$ M.Wt 418.29

Solubility DMSO : 125 mg/mL (298.84 mM); Storage 4°C, protect from light
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

IL-2-IN-1 is a potent IL-2 inhibitor with an IC₅₀ value of 1978 nM. IL-2-IN-1 shows antiproliferative activities.

IL-2-IN-1 (compound 2) shows antiproliferative activities with IC₅₀s of 340, 1266 nM for human

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

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PBMC and rat PBMC, respectively^[1].

References:

[1]. Djuric SW, et al. 3,5-Bis(trifluoromethyl)pyrazoles: a novel class of NFAT transcription factor regulator. J Med Chem. 2000 Aug 10;43(16):2975-81.

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