

Product Data Sheet

Product Name: RDN2150 TFA

Cat. No.: GC71364

Chemical Properties

Cas. No.

Formula $C_{30}H_{30}ClF_3N_8O_6$ M.Wt 691.06

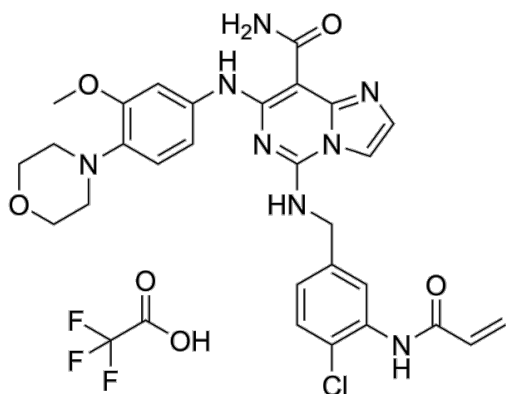
Solubility DMSO : 125 mg/mL (180.88 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

Storage -20°C, sealed storage, away from
moisture

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

RDN2150 (Compound 25) TFA is a ZAP-70 inhibitor (IC₅₀: 14.6 nM). RDN2150 TFA covalently binds to the C346 residue of ZAP-70. RDN2150 TFA inhibits the expression of CD25 and CD69, and inhibits CD4⁺ T cell activation. RDN2150 TFA can be used for research of psoriasis.

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

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References:

[1]. Rao D, et al. Discovery and Structural Optimization of Covalent ZAP-70 Kinase Inhibitors against Psoriasis. J Med Chem. 2023 Aug 18.

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