

Product Data Sheet

Product Name: RU-301
Cat. No.: GC38580

Chemical Properties

Cas. No. 1110873-99-8

SMILES O=C(NCCNC1=CC=C(C(F)(F)F)C=C1[N+](O-)=O)C2=CC=CC=C2SCC3=CC(C)=NO3

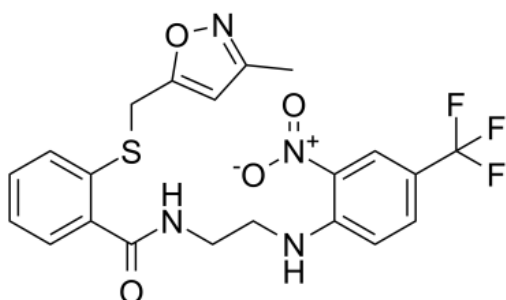
Formula $C_{21}H_{19}F_3N_4O_4S$ M.Wt 480.46

Solubility DMSO: 250 mg/mL (520.33 mM) 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

RU-301 is a pan-TAM receptor inhibitor, exerts pan-TAM inhibitory activity by binding at the interface between Gas6 and the Ig1 domain of the respective TAMs with K_d and IC₅₀ values of 12 μM and 10 μM, respectively[1].

[1]. Kimani SG, et al. Small molecule inhibitors block Gas6-inducible TAM activation and tumorigenicity. Sci Rep. 2017 Mar 8;7:43908.

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

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