

Product Data Sheet

Product Name: (R)-FT671

Cat. No.: GC38718

Chemical Properties

Cas. No. 1959551-27-9

SMILES O=C1C2=C(N(C3=CC=C(F)C=C3)N=C2)N=CN1CC4(O)CCN(C(C[C@@H](N5N=C(F)C=C5)C(F)F)=O)CC4

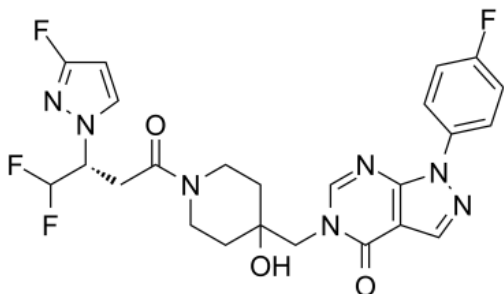
Formula $C_{24}H_{23}F_4N_7O_3$ M.Wt 533.48

Solubility DMSO: 150 mg/mL (281.17 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

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

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(R)-FT671 is the R-isomer of FT671. FT671 is a potent, non-covalent and selective USP7 inhibitor with an IC₅₀ of 52 nM and binds to the USP7 catalytic domain with a K_d of 65 nM[1].

[1]. Turnbull AP, et al. Molecular basis of USP7 inhibition by selective small-molecule inhibitors. Nature. 2017 Oct 26;550(7677):481-486.

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