

Product Data Sheet

Product Name: Atuzabrutinib

Cat. No.: GC70685

Chemical Properties

Cas. No. 1581714-49-9

Formula $C_{30}H_{30}FN_7O_2$ M.Wt 539.6

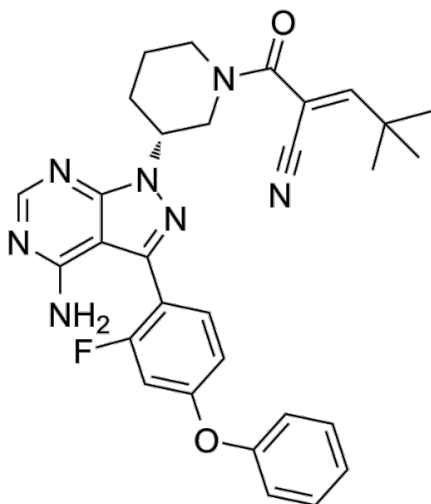
Solubility DMSO : 100 mg/mL (185.32 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

Storage 4°C, sealed storage, away from moisture and light

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

Atuzabrutinib (SAR 444727) is a potent, selective reversible inhibitor of Btk (Bruton's tyrosine kinase) inhibitor. Atuzabrutinib inhibits neutrophil recruitment via inhibition of macrophage antigen-1 signalling.

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

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PRN473 (20 mg/kg) significantly reduces intravascular crawling and neutrophil recruitment into inflamed tissue in a model of sterile liver injury, down to levels seen in Btk-deficient animals^[1].

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