

Product Datasheet

SAR 444727

Catalog No. **BP-02377** · CAS **1581714-49-9** · Form **free base** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

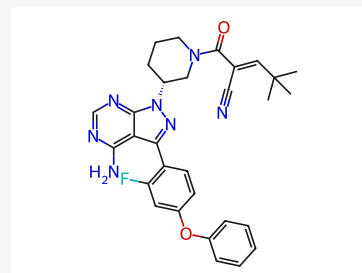
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Target Btk	Research area Inflammation/Immunology
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Molecular formula **C₃₀H₃₀N₇O₂**

Molecular weight **539.6033**

STRUCTURE



DESCRIPTION

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 .

BIOLOGICAL ACTIVITY

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

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Herter JM, et al. PRN473, an inhibitor of Bruton's tyrosine kinase, inhibits neutrophil recruitment via inhibition of macrophage antigen-1 signalling. Br J Pharmacol. 2018;175(3):429-439.

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