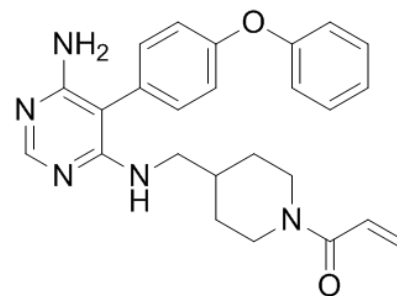


Product Name : Evobrutinib
Cat. No. : PC-42336
CAS No. : 1415823-73-2
Molecular Formula : C₂₅H₂₇N₅O₂
Molecular Weight : 429.51418
Target : BTK
Solubility : DMSO: 6.4 mg/mL (Need ultrasonic)



Biological Activity

Evobrutinib (M2951, MSC2364447C, MSC 2364447) is a potent, highly selective, covalent and oral **BTK** inhibitor with enzyme IC₅₀ of 8.9 nM.

Evobrutinib shows IC₅₀ of 61 nM in the human peripheral blood mononuclear cell (PBMC) assay.

Evobrutinib shows high selectivity for BTK over epidermal growth factor receptor and other Tec family kinases.

Evobrutinib shows potential in several autoimmune diseases, including multiple sclerosis, rheumatoid arthritis, and systemic lupus erythematosus.

References

Patent US20140162983 example 0174.

2. Caldwell RD, et al. *J Med Chem.* 2019 Sep 12;62(17):7643-7655.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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