

Product Name	: Tolebrutinib
Synonyms	: SAR442168; PRN2246
Cat No.	: M23893
CAS Number	: 1971920-73-6
Molecular Formula	: C ₂₆ H ₂₅ N ₅ O ₃
Formula Weight	: 455.5
Chemical Name	: —
Description	Tolebrutinib is a potent, selective, orally active and brain-penetrant Bruton tyrosine kinase (BTK) inhibitor (IC₅₀s of 0.4 and 0.7 nM in Ramos B cells and in HMC microglia cells, respectively). It exhibits efficacy in central nervous system immunity. Tolebrutinib can be used for the research of multiple sclerosis (MS).
Pathway	: Tyrosine Kinase
Target	: BTK
Receptor	: BTK
Solubility	: DMSO: 100 mg/mL (219.53 mM; Need ultrasonic)
SMILES	: <chem>C=CC(N(CCC1)C[C@@H]1N(c(ccnc1N)c1N1c(cc2)ccc2Oc2ccccc2)C1=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Francesco MR, et, al. PRN2246, a potent and selective blood brain barrier penetrating BTK inhibitor, exhibits efficacy in central nervous system immunity. Multiple Sclerosis Journal. 2017;Poster Session 2:P989.