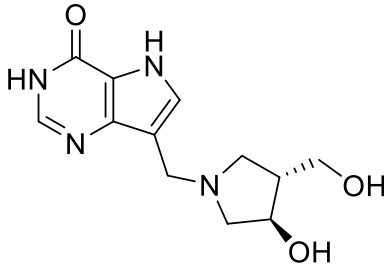


Product data sheet



MedKoo Cat#: 206081 Name: Ulodesine CAS#: 548486-59-5 Chemical Formula: C ₁₂ H ₁₆ N ₄ O ₃ Exact Mass: 264.12224 Molecular Weight: 264.28	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

Ulodesine, also known as BCX4208, is a purine nucleoside phosphorylase (PNP) inhibitor in development as a once-daily oral, chronic treatment for gout. Ulodesine is currently being developed by Biocryst. Ulodesine acts upstream of xanthine oxidase in the purine metabolism pathway to reduce the production of serum uric acid (sUA). Ulodesine has an IC₅₀ of 0.5 nM to PNP. BCX-4208 is currently undergoing early clinical investigation in psoriasis and gout.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
N/A	N/A	N/A

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	3.78 mL	18.92 mL	37.84 mL
5 mM	0.76 mL	3.78 mL	7.57 mL
10 mM	0.38 mL	1.89 mL	3.78 mL
50 mM	0.08 mL	0.38 mL	0.76 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

N/A

In vivo study

N/A

7. Bioactivity

Biological target:

Ulodesine, also known as BCX4208, is a purine nucleoside phosphorylase (PNP) inhibitor.

In vitro activity

N/A

In vivo activity

N/A

Product data sheet



Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.