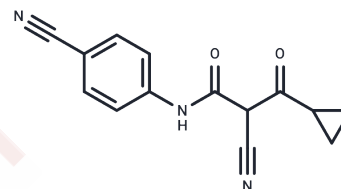


X 910279

Chemical Properties

CAS No. : 185915-32-6
 Formula: C₁₄H₁₁N₃O₂
 Molecular Weight: 253.26
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | X 910279 is a leflunomide analog and a malononitrilamide. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.9485 mL | 19.7426 mL | 39.4851 mL |
| 5 mM | 0.7897 mL | 3.9485 mL | 7.897 mL |
| 10 mM | 0.3949 mL | 1.9743 mL | 3.9485 mL |
| 50 mM | 0.079 mL | 0.3949 mL | 0.7897 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Schorlemmer HU, Bartlett RR, Schleyerbach R. Immunomodulatory activity of malononitrilamides, derivatives of leflunomide's primary metabolite, on models of experimental rheumatoid arthritis. *Transplant Proc.* 1998 Dec;30(8):4137-9. PubMed PMID: 9865326.
- Schorlemmer HU, Kurrle R, Schleyerbach R, Bartlett RR. Disease-modifying activity of malononitrilamides, derivatives of leflunomide's active metabolite, on models of rheumatoid arthritis. *Inflamm Res.* 1999 Dec;48 Suppl 2:S113-4. PubMed PMID: 10667840.
- Schorlemmer HU, Bartlett RR, Lindner JK, Kurrle R. Coadministration of malononitrilamides and tacrolimus induces tolerance in a rat skin allograft model. *Transplant Proc.* 1999 Feb-Mar;31(1-2):1184-8. PubMed PMID: 10083529.
- Slauson SD, Silva HT, Sherwood SW, Morris RE. Flow cytometric analysis of the molecular mechanisms of immunosuppressive action of the active metabolite of leflunomide and its malononitrilamide analogues in a novel whole blood assay. *Immunol Lett.* 1999 Apr 15;67(3):179-83. PubMed PMID: 10369124.

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