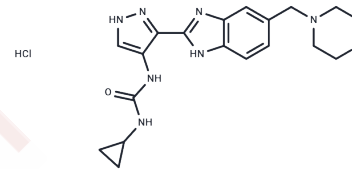


AT-9283 HCl

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 896466-61-8 |
| Formula: | C ₁₉ H ₂₄ ClN ₇ O ₂ |
| Molecular Weight: | 417.89 |
| 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 | AT-9283, a multi-targeted kinase inhibitor, is used potentially for the treatment of multiple myeloma. |
| Targets(IC50) | Others,Aurora Kinase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.393 mL | 11.9649 mL | 23.9297 mL |
| 5 mM | 0.4786 mL | 2.393 mL | 4.7859 mL |
| 10 mM | 0.2393 mL | 1.1965 mL | 2.393 mL |
| 50 mM | 0.0479 mL | 0.2393 mL | 0.4786 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

- Matsueda S, Gao H, Efferson CL, Tsuda N, Ishiyama S, Li Y, Ioannides MG, Fisk B, Peoples GE, Ioannides CG. N-terminally LRMK-linked HER-2 peptides, AE-37 [p776(774-788)] and AE-47 [Ava-F7(776-788)], aid differentiation of E75-TCR+CD8+ cells to perforin-positive cells. *Anticancer Res.* 2009 Jul;29(7):2427-35. PubMed PMID: 19596910.
- Li Y, Matsueda S, Efferson CL, Tsuda N, Kawano K, Gao H, Peoples GE, Ioannides CG. Distinct patient responses to activation of T-cells by free HER-2, G89 (777-789) and protected LRMK-linked HER-2, {AE-39 [p776 (Ava-774-788)], AE-47 [(Ava-776-788)] and AE-37[p776 (774-788)]} peptides could lead to development of personalized cancer vaccines. *Anticancer Res.* 2009 Jan;29(1):41-58. PubMed PMID: 19331132.
- Tomillero A, Moral MA. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol.* 2010 Sep;32(7):517-48. doi: 10.1358/mf.2010.32.7.1549223. PubMed PMID: 21069103.
- Tomillero A, Moral MA. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol.* 2010 Jan-Feb;32(1):47-86. PubMed PMID: 20383346.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481