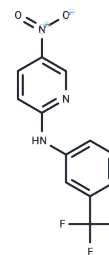


Androgen receptor antagonist 12

Chemical Properties

CAS No. :	6605-17-0
Formula:	C ₁₂ H ₈ F ₃ N ₃ O ₂
Molecular Weight:	283.21
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	Compound EF2 (Androgen receptor antagonist 12) is an orally active antagonist of the androgen receptor (AR) with an IC ₅₀ of 0.30 μM. It inhibits the transcriptional activity of mutant AR and the proliferation of AR-positive PCa (prostate cancer) cell lines. Additionally, Compound EF2 blocks the nuclear translocation of AR and suppresses tumor growth in the C4-2B xenograft mouse model. This compound is used for research in prostate cancer.
Targets(IC ₅₀)	OAT,Androgen Receptor,OCT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5309 mL	17.6547 mL	35.3095 mL
5 mM	0.7062 mL	3.5309 mL	7.0619 mL
10 mM	0.3531 mL	1.7655 mL	3.5309 mL
50 mM	0.0706 mL	0.3531 mL	0.7062 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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