

Product Data Sheet

Product Name: IMB-301
Cat. No.: GC61820

Chemical Properties

Cas. No. 64009-84-3

SMILES FC1=CC=C(C(OCCC(C2=CC=C(Cl)C=C2Cl)CN3C=CN=C3)C=C1

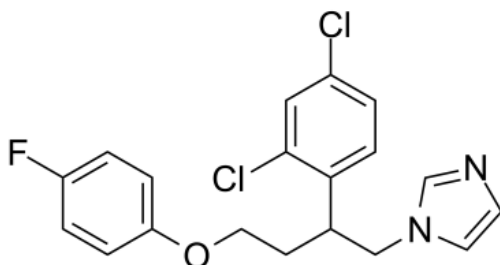
Formula $C_{19}H_{17}Cl_2FN_2O$ M.Wt 379.26

Solubility DMSO : 100 mg/mL (263.67 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

IMB-301 is a HIV-1 auxilins Vif degradation hA3G antagonist. IMB-301 inhibits hA3G-Vif interactions to inhibit Vif degradations hA3G. IMB-301 has anti-HIV-1 activity[1].

IMB-301 can effectively inhibit the combination of Vif and hA3G[1]. IMB 301 can be by inhibiting Vif to inhibit Vif degradations hA3G with hA3G binding specificities[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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References:

[1]. Zhou, Jinming, et al. Applications of the IMB-301 in antiviral drugs is prepared. CN108261413A.

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