
Product Data Sheet

Product Name: Apalutamide-COOH

Cat. No.: GC60590

Chemical Properties

Cas. No. 1332391-04-4

SMILES O=C(O)C1=CC=C(N(C(N(C2=CC(C(F)(F)F)=C(C#N)N=C2)C3=O)=S)C43CCC4)C=C1FFormula $C_{20}H_{12}F_4N_4O_3S$ M.Wt 464.39

Solubility 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**

Apalutamide-COOH can be used to synthesis Apalutamide. Apalutamide is a potent and competitive androgen receptor (AR) antagonist, binding AR with an IC50 of 16 nM[1].

[1]. Nicholas D. Smith, et al. Androgen receptor modulators and uses thereof. WO2011103202A2.

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

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