

Product Data Sheet

Product Name: Androgen receptor-IN-6

Cat. No.: GC73577

Chemical Properties

Cas. No. 3016437-05-8

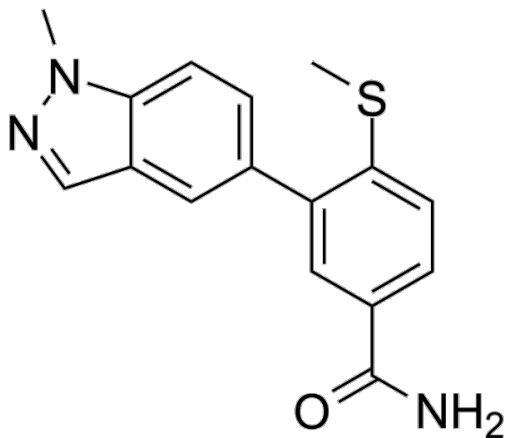
Formula $C_{16}H_{15}N_3OS$ M.Wt 297.37

Solubility DMSO : 50 mg/mL (168.14 mM; ultrasonic and warming and heat to 60°C) Storage -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

Androgen receptor-IN-6 (compound 16) is an orally available androgen receptor (Androgen Receptor) potent inhibitor ($IC_{50}=0.12 \mu M$ in vitro), targeting the disordered N-terminal domain (NTD). Androgen receptor-IN-6 has good Caco2 cell membrane permeability and has an oral activity (F/%) of 16% in male CD-1 mice.

References:

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

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[1]. Henry M C et al. Synthesis and evaluation of small molecule inhibitors of the androgen receptor N-terminal domain[J]. ACS Medicinal Chemistry Letters, 2023.

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