

Product Data Sheet

Product Name: XY 018
Cat. No.: GC50389

Chemical Properties

Cas. No. 1873358-87-2

SMILES OC(C(F)(F)F)(C(F)(F)F)C1=CC(F)=C(C2=CC=C(C=C2)NC(CC3=C([N+])([O-])=O)C=CC=C3)=O)C=C1

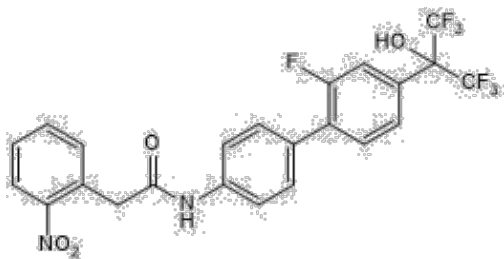
Formula C₂₃H₁₅F₇N₂O₄ M.Wt 516.36

Solubility DMSO : 100 mg/mL (193.66 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

ROR γ antagonist (EC₅₀ = 190 nM). Suppresses androgen receptor expression in prostate cancer cell lines. Also inhibits growth of tumors in androgen receptor-positive xenograft models.

Wang et al (2016) ROR- γ drives androgen receptor expression and represents a therapeutic target in castration-resistant prostate cancer. Nat.Med. 22 488 PMID:27019329 | Ndagi et al (2016) Re-emergence of an orphan therapeutic target for the treatment of resistant prostate cancer - a through conformational and binding analysis for ROR γ protein. J.Biomol.Struct.Dyn. 36 1

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA