

产品名称 : BMS-641988

同义词 : BMS 641988 | BMS641988

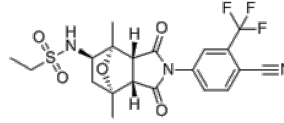
产品货号 : M15093

CAS Number : 573738-99-5

分子式 : C₂₀H₂₀F₃N₃O₅S

分子量 : 471.45

化学全名 : N-((3aR,4R,5R,7R,7aS)-2-(4-cyano-3-(trifluoromethyl)phenyl)-4,7-dimethyl-1,3-dioxooctahydro-1H-4,7-epoxyisoindol-5-yl)ethanesulfonamide



产品描述 : BMS-641988 is a potent, selective, nonsteroidal androgen receptor antagonist with K_i of 1.7 nM, MDA-MB-453 cell IC_{50} of 16 nM; displays high selectivity over the glucocorticoid and progesterone receptors; displayed 3-7-fold increased antagonist activity of AR transactivation compared with bicalutamide; strongly inhibits androgen-dependent growth of the ventral prostate and seminal vesicles in rats, and is efficacious in CWR-22-BMSLD1 tumors initially refractory to treatment with bicalutamide. Prostate Cancer Phase 1 Clinical.

通路 : Endocrinology/Hormones

靶点 : Androgen Receptor (AR)

受体 : Androgen Receptor (AR)

溶解度 : —

SMILES : CCS(=O)(=O)N1[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4[C@@]3(CC[C@@H](C4)O)C)C(C=CC=C(C#N)C(F)(F)F)=C)C2=O)=O

存储条件 : (-20°C)

稳定性 : ≥ 2 years

参考文献 :

1. Balog A, et al. ACS Med Chem Lett. 2015 Jun 19;6(8):908-12. 2. Attar RM, et al. Cancer Res. 2009 Aug 15;69(16):6522-30. 3. Rathkopf D, et al. Clin Cancer Res. 2011 Feb 15;17(4):880-7.

仅限科学研究使用，不得用于人体。