
Galeterone

产品编号: D51571

CAS: 851983-85-2

分子式: C₂₆H₃₂N₂O

纯度: ≥98%

InChi: InChI=1S/C₂₆H₃₂N₂O/c1-25-13-11-18(29)15-17(25)7-8-19-20-9-10-24(26(20,2)14-12-21(19)25)
28-16-27-22-5-3-4-6-23(22)28/h3-7,10,16,18-21,29H,8-9,11-15H2,1-2H3/t18-,19-,20-,21-,25-,
26-/m0/s1

InChi Key: PAFKTFSEFKSQG-PAASFTFBSA-N

Smiles: C[C@]12CC[C@H]3[C@@H](CC=C4C[C@@H](O)CC[C@@]43C)[C@@H]1CC=C2N1C=NC2C=C
C=CC1=2

外观: 固体粉末

作用通路: Cytochrome P450

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Galeterone, also known as TOK-001 and NX41765; is an orally bioavailable small-molecule androgen receptor modulator and CYP17 lyase inhibitor with potential antiandrogen activity. Galeterone exhibits three distinct mechanisms of action: 1) as an androgen receptor antagonist, 2) as a CYP17 lyase inhibitor and 3) by decreasing overall androgen receptor levels in prostate cancer tumors, all of which may result in a decrease in androgen-dependent growth signaling.