



Product Information

Cytochrome P450 inhibitor, Hydroxyflutamide, Purity ≥98%

Cat. No.: X24-08-YM390

Size: 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD00563126

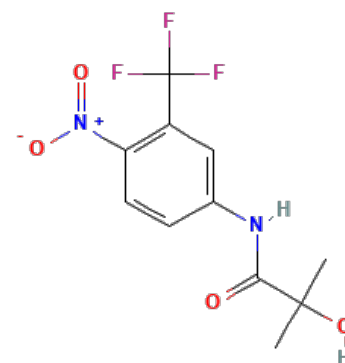
CAS Number: 52806-53-8

Compound CID: 91649

Synonym: 52806-53-8; Hydroxyniphtolide; 2-Hydroxyflutamide;

2-Hydroxy-2-methyl-N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Hydroxyflutamide is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting cytochrome P450.
Molecular Weight	292.21
Molecular Formula	C ₁₁ H ₁₁ F ₃ N ₂ O ₄
IUPAC Name	2-Hydroxy-2-methyl-N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide
InChI	InChI=1S/C11H11F3N2O4/c1-10(2,18)9(17)15-6-3-4-8(16(19)20)7(5-6)11(12,13)14/h3-5,18H,1-2H3,(H,15,17)
InChI Key	GIJHDGJRTUSBJR-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=O)OC2=CC3=C(C=CO3)C(=C21)O
Form	Lyophilized powder
Purity	≥98%
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Hydroxyflutamide is a metabolism inhibitor that plays a key role in blocking androgen receptors, which helps to inhibit the growth of prostate cancer cells driven by androgens.
Storage	Store at -20°C, and keep desiccated.