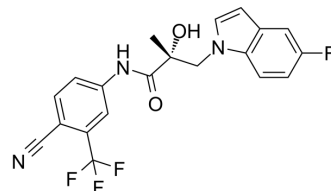


(R)-UT-155

Cat. No.:	HY-112895A		
CAS No.:	2031161-54-1		
Molecular Formula:	C ₂₀ H ₁₅ F ₄ N ₃ O ₂		
Molecular Weight:	405.35		
Target:	Androgen Receptor		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (246.70 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4670 mL	12.3350 mL	24.6700 mL
5 mM	0.4934 mL	2.4670 mL	4.9340 mL
10 mM	0.2467 mL	1.2335 mL	2.4670 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (6.17 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (6.17 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.17 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(R)-UT-155 (compound 11) is a selective androgen receptor degrader (SARD) ligand. Less active than the S-isomer^{[1][2]}.

REFERENCES

[1]. US20180360805.

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

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