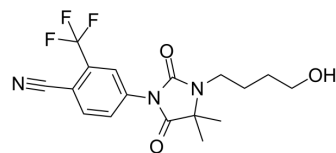


RU 58841

Cat. No.:	HY-10561		
CAS No.:	154992-24-2		
Molecular Formula:	C ₁₇ H ₁₈ F ₃ N ₃ O ₃		
Molecular Weight:	369.34		
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 (270.75 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7075 mL	13.5377 mL	27.0753 mL
	5 mM	0.5415 mL	2.7075 mL	5.4151 mL
	10 mM	0.2708 mL	1.3538 mL	2.7075 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 (6.77 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

RU 58841 (PSK-3841) is a specific androgen receptor antagonist or anti-androgen. RU 58841 (PSK-3841) has a dramatic effect on hair regrowth.

IC₅₀ & Target

Androgen receptor

REFERENCES

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

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