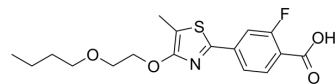


AC-261066

Cat. No.:	HY-108532		
CAS No.:	870773-76-5		
Molecular Formula:	C ₁₇ H ₂₀ FNO ₄ S		
Molecular Weight:	353.41		
Target:	RAR/RXR		
Pathway:	Metabolic Enzyme/Protease		
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 : 50 mg/mL (141.48 mM; ultrasonic and warming and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.8296 mL	14.1479 mL	28.2957 mL
5 mM	0.5659 mL	2.8296 mL	5.6591 mL
10 mM	0.2830 mL	1.4148 mL	2.8296 mL

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

BIOLOGICAL ACTIVITY

Description

AC-261066 is a potent, orally available and isoform-selective retinoic acid beta2 (RARbeta2) receptor agonist, with a pEC₅₀ of 8.0^[1].

IC₅₀ & Target

RARβ2
8.0 (pEC₅₀)

In Vitro

AC-261066 exhibits good oral bioavailability in rats (F oral = 52%)^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lund BW, et al. Discovery of a potent, orally available, and isoform-selective retinoic acid beta2 receptor agonist. J Med Chem. 2005 Dec 1;48(24):7517-9.

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

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