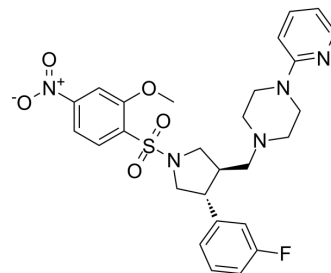


(rel)-AR234960

Cat. No.:	HY-120006A		
CAS No.:	1408311-94-3		
Molecular Formula:	C ₂₇ H ₃₀ FN ₅ O ₅ S		
Molecular Weight:	555.62		
Target:	ERK		
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (44.99 mM); ultrasonic and heat to 80°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.7998 mL	8.9990 mL	17.9979 mL
		5 mM	0.3600 mL	1.7998 mL	3.5996 mL
10 mM		0.1800 mL	0.8999 mL	1.7998 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.50 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(rel)-AR234960 is an active relative configuration of AR234960. AR234960, a non-peptide MAS (a G protein-coupled receptor) agonist, increases both mRNA and protein levels of CTGF via ERK1/2 signaling in HEK293-MAS cells and adult human cardiac fibroblasts ^[1] .
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REFERENCES

[1]. Chatterjee A, et al. Connective tissue growth factor dependent collagen gene expression induced by MAS agonist AR234960 in human cardiac fibroblasts. PLoS One. 2017 Dec 29;12(12):e0190217.

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

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