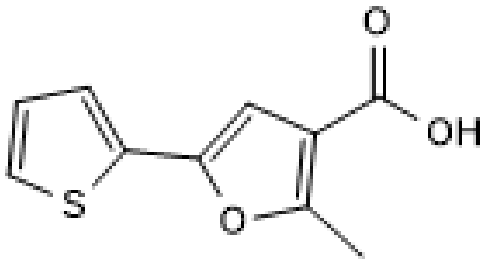
Product Data Sheet

Product Name: Jedi2
Cat. No.: GC50519

Chemical Properties

Cas. No.	651005-90-2		
SMILES	CC1=C(C(O)=O)C=C(C2=CC=CS2)O1		
Formula	C10H8O3S	M.Wt	208.23
Solubility	DMSO : 50 mg/mL (240.12 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Piezo1 channel activator. Promotes Ca2+ influx into HEK293 cells expressing Piezo1 channels. Elicits responses in mouse Piezo1-transfected, but not Piezo2-transfected cells.

Wang et al (2018) A lever-like transduction pathway for long-distance chemical- and mechano-gating of the mechanosensitive Piezo1 channel. Nat.Commun. 9 1300 PMID:29610524

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