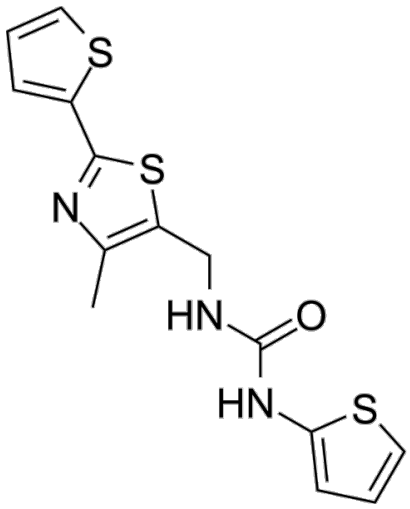
Product Data Sheet

Product Name: VU0542270
Cat. No.: GC73985

Chemical Properties

Cas. No.	1396814-79-1		
Formula	$C_{14}H_{13}N_3OS_3$	M.Wt	335.47
Solubility	DMSO : 100 mg/mL (298.09 mM; Need ultrasonic)	Storage	-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

VU0542270 is a selective vascular Kir6.1/SUR2B KATP channel inhibitor with a IC50 value of 100 nM. VU0542270 can be used in cardiovascular disease research.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Li K, et al. Discovery and Characterization of VU0542270, the First Selective Inhibitor of Vascular Kir6.1/SUR2B KATP Channels. Mol Pharmacol. 2024 Feb 15;105(3):202-212.

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