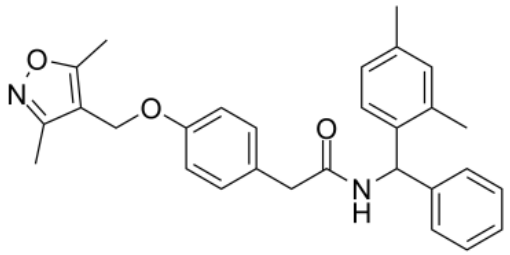
Product Data Sheet

Product Name: TMP920
Cat. No.: GC39299

Chemical Properties

Cas. No.	1421837-45-7		
SMILES	O=C(NC(C1=CC=C(C=C1C)C)C2=CC=CC=C2)CC3=CC=C(C=C3)OCC4=C(ON=C4C)C		
Formula	$C_{29}H_{30}N_2O_3$	M.Wt	454.56
Solubility	DMSO: 62.5 mg/mL (137.50 mM)	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

TMP920 is a highly potent and selective RORγt antagonist. TMP920 inhibits RORγt binding to the SRC1 peptide with an IC50 of 0.03 μM[1].

[1]. Xiao S, et al. Small-molecule RORγt antagonists inhibit T helper 17 cell transcriptional network by divergent mechanisms. Immunity. 2014 Apr 17;40(4):477-89.

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