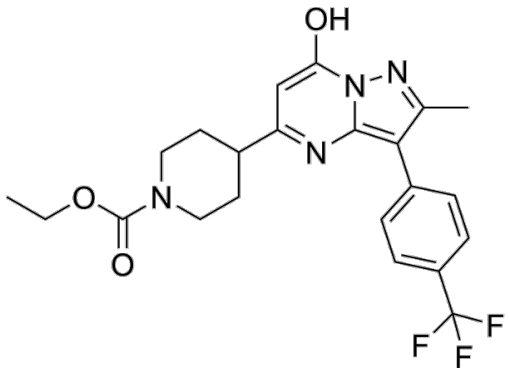
Product Data Sheet

Product Name: TRPC3 agonist-1
Cat. No.: GC79529

Chemical Properties

Cas. No.	1589567-51-0		
Formula	$C_{22}H_{23}F_3N_4O_3$	M.Wt	448.44
Solubility	DMSO: 10 mg/mL (22.30 mM; Need warming)	Storage	Store at 4°C, stored under nitrogen
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



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Background

TRPC3 agonist-1 (compound 4n) is a selective and competitive TRPC3 channel agonist. TRPC3 agonist-1 binds at L2 site of hTRPC3 [1].

References:
[1]. Chen Y, et al. Structural mechanism of the agonist binding on human TRPC3 channel. Nat Commun. 2025 Oct 22;16(1):9343.

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