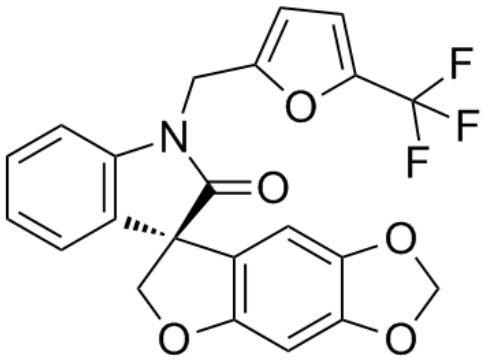
Product Data Sheet

Product Name: Funapide (TV 45070)
Cat. No.: GC30628

Chemical Properties

Cas. No.	1259933-16-8		
SMILES	O=C([C@]12COC3=C1C=C(OCO4)C4=C3)N(CC5=CC=C(C(F)(F)F)O5)C6=C2C=CC=C6		
Formula	$C_{22}H_{14}F_3NO_5$	M.Wt	429.35
Solubility	DMSO : 200 mg/mL (465.82 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

Product Data Sheet

Funapide (TV 45070; XEN402) is a potent Sodium Channel Nav1.7 inhibitor.

[1]. Price N , et al. Safety and Efficacy of a Topical Sodium Channel Inhibitor (TV-45070) in Patients With Postherpetic Neuralgia (PHN): A Randomized, Controlled, Proof-of-Concept, Crossover Study, With a Subgroup Analysis of the Nav1.7 R1150W Genotype. Clin J Pain. 2017 Apr;33(4):310-318.

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