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**Product Data Sheet**

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Product Name: NAV 26  
Cat. No.: GC50071

**Chemical Properties**

Cas. No. 1198160-14-3

SMILES O=C2C1=CC=CC=C1C(C(NCC4=CC=C(OC(F)(F)F)C=C4)=O)N2C3CCOCC3

Formula  $C_{22}H_{21}F_3N_2O_4$  M.Wt 434.41

Solubility Soluble in DMSO 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**

Selective Nav1.7 channel blocker (IC<sub>50</sub> = 370 nM). Exhibits >85-fold selectivity for Nav1.7 over Nav1.5 and hERG channels. Reduces nociceptive behavior in rat models of pain.

Macsari et al (2012) 3-Oxoisoindoline-1-carboxamides: potent, state-dependent blockers of voltage-gated sodium channel Na(V)1.7 with efficacy in rat pain models. J.Med.Chem. 55 6866 PMID:22770500

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

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