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**Product Data Sheet**

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Product Name: NVP CXCR2 20

Cat. No.: GC50228

**Chemical Properties**

Cas. No. 1029521-30-9

SMILES OC1=C(C#N)C(C2CC2)=NC(SCC3=CC=CC(F)=C3F)=N1Formula  $C_{15}H_{11}F_2N_3OS$  M.Wt 319.33

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**

Potent and selective CXCR2 antagonist (IC<sub>50</sub> = 40 nM). Exhibits selectivity for CXCR2 over a panel of 49 other GPCRs. Orally bioavailable.

Porter et al (2014) The discovery of potent, orally bioavailable pyrimidine-5-carbonitrile-6-alkyl CXCR2 receptor antagonists. *Bioorg.Med.Chem.Lett.* 24 3285 PMID:24974342

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

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