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**Product Data Sheet**

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Product Name: Befiradol (NLX-112)

Cat. No.: GC31113

**Chemical Properties**

Cas. No. 208110-64-9

SMILES O=C(C1=CC=C(F)C(Cl)=C1)N2CCC(CNCCC3=NC=C(C)C=C3)(F)CC2Formula  $C_{20}H_{22}ClF_2N_3O$  M.Wt 393.86

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**

Befiradol (NLX-112) is a selective 5-HT<sub>1A</sub> receptor agonist.

[1]. Lladó-Pelfort L, et al. In vivo electrophysiological and neurochemical effects of the selective 5-HT<sub>1A</sub> receptor agonist, F13640, at pre- and postsynaptic 5-HT<sub>1A</sub> receptors in the rat. *Psychopharmacology (Berl)*. 2012 May;221(2):261-72.

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

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