

## Product Information

### NMDA-IN-1

**Cat. No.:** X23-12-YM384

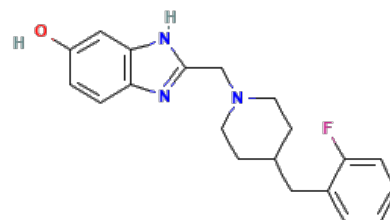
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 700878-19-9

**PubChem CID:** 90488908

**Synonym:** 700878-19-9; TCN 237 dihydrochloride

**This product is for research use only and is not intended for diagnostic use.**



Cl-H

Cl-H

### Product Information

<b>Description</b>	NMDA-IN-1 interferes with or suppresses the transmission of signals between neurons in the nervous system.
<b>Molecular Weight</b>	375.87
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> ClFN <sub>3</sub> O
<b>IUPAC Name</b>	2-[[4-[(2-Fluorophenyl)methyl]piperidin-1-yl]methyl]-3H-benzimidazol-5-ol; dihydrochloride
<b>InChI</b>	InChI=1S/C20H22FN3O.2ClH/c21-17-4-2-1-3-15(17)11-14-7-9-24(10-8-14)13-20-22-18-6-5-16(25)12-19(18)23-20;/h1-6, 12, 14, 25H, 7-11, 13H2, (H, 22, 23);2*1H
<b>InChI Key</b>	JYUWGWCFJMDMND-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CN(CCC1CC2=CC=CC=C2F)CC3=NC4=C(N3)C=C(C=C4)O.Cl.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	NMDA-IN-1 can be studied in drug discovery efforts aimed at developing selective modulators or inhibitors of NMDA receptors.
<b>Storage</b>	Store at -20°C, and keep desiccated.