

## Product Information

### VEGFR inhibitor TG 100801 HCl, Purity ≥98%

**Cat. No.:** X24-06-ZQ268

**Size:** 5 mg; 10 mg; 25 mg; 50 mg

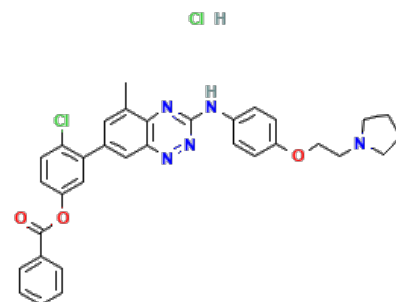
**CAS Number:** 1018069-81-2

**Compound CID:** 24823568

**Synonym:** 1018069-81-2; VEGFR inhibitor; TG100801 Hydrochloride; TG-100801

Hydrochloride

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



#### Product Information

<b>Description</b>	TG 100801 HCl is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR. It targets FGFR1, FGFR2, PDGFRβ, VEGFR1, and VEGFR2.
<b>Molecular Weight</b>	616.54
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>31</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
<b>Targets</b>	FGFR1: 2 nM; FGFR2: 16 nM; PDGFRβ: 13 nM; VEGFR1: 2 nM; VEGFR2: 7 nM
<b>IUPAC Name</b>	[4-Chloro-3-[5-methyl-3-[4-(2-pyrrolidin-1-ylethoxy)anilino]-1,2,4-benzotriazin-7-yl]phenyl] benzoate;hydrochloride
<b>InChI</b>	InChI=1S/C33H30ClN5O3.ClH/c1-22-19-24(28-21-27(13-14-29(28)34)42-32(40)23-7-3-2-4-8-23)20-30-31(22)36-33(38-37-30)35-25-9-11-26(12-10-25)41-18-17-39-15-5-6-16-39;/h2-4,7-14,19-21H,5-6,15-18H2,1H3,(H,35,36,38);1H
<b>InChI Key</b>	VLWKPMUDFMWBO-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=CC(=CC2=C1N=C(N=N2)NC3=CC=C(C=C3)OCCN4CCCC4)C5=C(C=CC(=C5)OC(=O)C6=CC=CC=C6)Cl.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	TG 100801 HCl is used in research focusing on blocking VEGFR, which is vital for anti-cancer therapy studies.



**Storage**

Store at -20°C, and keep desiccated.

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