

## Product Information

### Verucerfont

**Cat. No.:** X23-12-YM1048

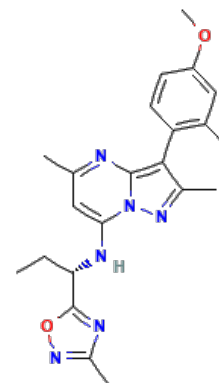
**Size:** 1 mg; 2 mg; 5 mg; 10 mg

**CAS Number:** 885220-61-1

**Compound CID:** 11596613

**Synonym:** 885220-61-1; GSK561679

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



### Product Information

<b>Description</b>	Verucerfont inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
<b>Molecular Weight</b>	406.49
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub>
<b>IUPAC Name</b>	3-(4-Methoxy-2-methylphenyl)-2,5-dimethyl-N-[(1S)-1-(3-methyl-1,2,4-oxadiazol-5-yl)propyl]pyrazolo[1,5-a]pyrimidin-7-amine
<b>InChI</b>	InChI=1S/C22H26N6O2/c1-7-18(22-24-15(5)27-30-22)25-19-11-13(3)23-21-20(14(4)26-28(19)21)17-9-8-16(29-6)10-12(17)2/h8-11,18,25H,7H2,1-6H3/t18-m/s1
<b>InChI Key</b>	VKHVAUKFLBBZFJ-SFHVURJKSA-N
<b>Canonical SMILES</b>	CCC(C1=NC(=NO1)C)NC2=CC(=NC3=C(C(=NN23)C)C4=C(C=C(C=C4)OC)C)C
<b>Isomeric SMILES</b>	CC[C@@H](C1=NC(=NO1)C)NC2=CC(=NC3=C(C(=NN23)C)C4=C(C=C(C=C4)OC)C)C
<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>	Verucerfont can be used for its ability to reduce stress-induced craving and withdrawal symptoms associated with substance dependence.
<b>Storage</b>	Store at -20°C, and keep desiccated.