



## Product Information

### S 38093

**Cat. No.:** X23-12-YM1200

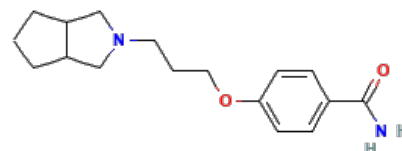
**Size:** 1 mg; 5 mg; 10 mg; 50 mg

**CAS Number:** 862896-30-8

**Compound CID:** 11380684

**Synonym:** 862896-30-8; S38093; S-38093

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



#### Product Information

|                          |                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | S 38093, soluble in DMSO and ethanol and insoluble in water, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. |
| <b>Molecular Weight</b>  | 288.38                                                                                                                                                  |
| <b>Molecular Formula</b> | C <sub>17</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>                                                                                           |
| <b>IUPAC Name</b>        | 4-[3-(3,3a,4,5,6,6a-Hexahydro-1H-cyclopenta[c]pyrrol-2-yl)propoxy]benzamide                                                                             |
| <b>InChI</b>             | InChI=1S/C17H24N2O2/c18-17(20)13-5-7-16(8-6-13)21-10-2-9-19-11-14-3-1-4-15(14)12-19/h5-8,14-15H,1-4,9-12H2,(H2,18,20)                                   |
| <b>InChI Key</b>         | MRNMYWNBLVJWKG-UHFFFAOYSA-N                                                                                                                             |
| <b>Canonical SMILES</b>  | C1CC2CN(CC2C1)CCOC3=CC=C(C=C3)C(=O)N                                                                                                                    |
| <b>Form</b>              | Lyophilized powder                                                                                                                                      |
| <b>Purity</b>            | >98%                                                                                                                                                    |
| <b>Solubility</b>        | DMSO: 50 mg/mL (173.38 mM); Water: insoluble; Ethanol: 50 mg/mL (173.38 mM)                                                                             |
| <b>Stability</b>         | The product is stable for three years when stored at the recommended temperature in lyophilized powder.                                                 |
| <b>Applications</b>      | S 38093 can be studied for its effect on increasing the reuptake of serotonin, a neurotransmitter involved in regulating mood.                          |
| <b>Storage</b>           | Store at -20°C, and keep desiccated.                                                                                                                    |