

## Product Datasheet

### Taprenepag (orb1304459)

<b>Catalog Number</b>	orb1304459
<b>Category</b>	Small Molecules
<b>Description</b>	Taprenepag (CP-544326) is a potent and selective EP2 prostaglandin receptor agonist with an EC50 of 2.8 nM. It has been investigated in clinical trials for lowering intraocular pressure in ocular hypertension and open-angle glaucoma, supported by both in vitro receptor studies and in vivo pharmacological research.
<b>Target</b>	Prostaglandin Receptor
<b>Purity</b>	98.89% (May vary between batches)
<b>MW</b>	478.52
<b>Target Areas</b>	Prostaglandin Receptor
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.18 mM);DMSO:55 mg/mL (114.94 mM)
<b>CAS Number</b>	752187-80-7
<b>Formula</b>	C <sub>24</sub> H <sub>22</sub> N <sub>4</sub> O <sub>5</sub> S
<b>SMILES</b>	OC(=O)COc1cccc(CN(Cc2ccc(cc2)-n2cccn2)S(=O)(=O)c2cccnc2)c1
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558