

Product Datasheet

Taprenepag (orb1223057)

Catalog Number	orb1223057
Category	Small Molecules
Description	Taprenepag, also known as CP-544326, is a potent and selective EP(2) receptor agonist, was successfully evaluated for its ocular hypotensive activity in a clinical study involving patients with primary open angle glaucoma. Taprenepag is the active metabolite of PF-04217329.(In Vitro):Taprenepag (CP-544326) (0.01-1000 nM) increases cAMP levels in HEK293 cells expressing human EP2 (EC50=2.8 nM). Taprenepag has poor corneal permeability in an ex vivo rabbit corneal model.
Target	Pim
Purity	>98% (HPLC)
MW	478.52
Target Areas	PGE2
Solubility (25°C)	DMSO : ≥ 31 mg/mL; 64.78 mM
CAS Number	752187-80-7
Formula	C ₂₄ H ₂₂ N ₄ O ₅ S
SMILES	<chem>c1cc(cc(c1)OCC(=O)O)CN(Cc1ccc(cc1)n1cccn1)S(=O)(=O)c1cnccc1</chem>
Chemical Name	2-(3-((N-(4-(1H-pyrazol-1-yl)benzyl)pyridine-3-sulfonamido)methyl)phenoxy)acetic acid
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only

Biorbyt Ltd.

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

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

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

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

Expiration Date

12 months from date of receipt.

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7 Signet Court, Swann Road

Cambridge

CB5 8LA

United Kingdom

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