

Product Datasheet

20:4 Lyso PI (orb3173381)

Catalog Number	orb3173381
Category	Small Molecules
Description	20:4 Lyso PI is a selective agonist of the G protein-coupled receptor GPR55. It induces cell rounding in HEK293 cells expressing GPR55, with an EC50 value of 10 nM. 20:4 Lyso PI promotes RhoA activation and subsequent ROCK-dependent cytoskeletal rearrangement. It activates the ERK signaling pathway and increases intracellular free calcium levels. 20:4 Lyso PI is useful for research in immune disorders.
Target	ERK,Calcium Channel,Cannabinoid Receptor
MW	620.67
CAS Number	1246430-04-5
Formula	C ₂₉ H ₄₉ O ₁₂ P
SMILES	O(P(OC[C@@H](COC(CCC/C=C\C/C=C\C/C=C\C/C=C\C\CCCC)=O)O)(=O)O)[C@H]1[C@H](O)[C@@H](O)[C@H](O)[C@@H](O)[C@H]1O
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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)