

Product Datasheet

TRAP 6 (orb1140657)

Catalog Number	orb1140657
Category	Proteins
Description	PAR1 agonist; Peptides.
Form/Appearance	Freeze dried solid
Purity	> 95% by hplc
Protein Sequence	H-Ser-Phe-Leu-Leu-Arg-Asn-OH
MW	748.88 Da
Structure	H-Ser-Phe-Leu-Leu-Arg-Asn-OH
Modifications	None
Target Areas	Protease activated receptors
Solubility (25°C)	Soluble to 1 mg/ml in water
CAS Number	141136-83-6
Formula	$C_{34}H_{56}N_{10}O_9$
Storage	Store dry, frozen and in the dark
Background	TRAP 6 is a peptide fragment of protease-activated receptor 1 (PAR1, residues 42-47) that acts as a PAR1 agonist. TRAP 6 stimulates human platelet aggregation with an EC50 of 0.8 μ M, promotes intracellular Ca ²⁺ mobilization and induces rapid phosphodiesterase 3A (PDE3A) phosphorylation in vitro. TRAP 6 amide is also available.
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
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.

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
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)