Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com

DATASHEET

FSLLRY-NH2

Product overview

Name	FSLLRY-NH2
Cat No	HB3309
Biological description	FSLLRY-NH2 is a selective PAR_2 peptide antagonist.
	95%
Description	Selective PAR_2 peptide antagonist

Solubility & Handling

Storage instructions	-20°C
Solubility overview	Soluble in water (1 mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

Chemical name	FSLLRY-NH2 (modifications: Tyr-6 = C-terminal amide)
Molecular Weight	796.97
Chemical structure	Phe-Ser-Leu-Leu-Arg-Tyr-NH2
Molecular Formula	$C_{39}H_{60}N_{10}O_8$
Sequence (one letter)	FSLLRY-NH2
Modifications	Tyr-6 = C-terminal amide
CAS Number	245329-02-6
PubChem identifier	73352412
SMILES	CC(C)C[C@@H](C(=O)N[C@@H](CCCN=C(N)N)C(=O)N[C@@H](CC1=CC=C(C=C1)O)C(=O)N)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CO)NC(=O)[C@H](CC2=CC=CC=C2)N
InChiKey	KMSCNWHRNILNRJ-JNRWAQIZSA-N

References

Proteinase-activated receptor 2 sensitizes transient receptor potential vanilloid 1, transient receptor potential vanilloid 4, and transient receptor potential ankyrin 1 in paclitaxel-induced neuropathic pain.

Chen et al (201 1) Neuroscience. 193
PubMedID 21763756

Tryptase/Protease-activated receptor 2 interactions induce selective mitogen-activated protein kinase signaling and collagen synthesis by cardiac fibroblasts.

McLarty et al (2011) Hypertension 58(2)
PubMedID 21730297

Protease-activated receptors and itch.

Akiyama et al (2015) Handb Exp Pharmacol. 226
PubMedID 25861783