Product Data Sheet

Product Name: PAR3 (1-6) (human)
Cat. No.: GC44558

Chemical Properties

Cas. No.	320347-28-2		
SMILES	[H]N[C@]([C@@H](C)O)([H])C(N[C@H](C(N[C@@H](CCCNC(N)=N)C(NCC(N[C@H](C(N1CCC[C@H]1C(O)=O)=O)C)=O)=O)=O)CC2=CC=CC=C2)=O		
Formula	C29H45N9O8	M.Wt	647.7
Solubility	DMF: 50 mg/ml,DMSO: 50 mg/ml,Ethanol: 50 mg/ml,PBS (pH 7.2): 10 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure	H—Thr—Phe—Arg—Gly—Ala—Pro—OH		

Background

PAR3 (1-6) is a synthetic peptide agonist of proteinase-activated receptor 1 (PAR1) that corresponds to residues 1-6 of the amino terminal tethered ligand sequence of human PAR3 and residues 39-44 of the full-length human sequence. PAR3 (1-6) activates p42/44 MAPK signaling in fibroblasts expressing PAR1, but not PAR3, an effect that can be blocked by the PAR1 antagonist RWJ 56110.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA