Product Data Sheet

Product Name: Mastoparan X
Cat. No.: GC10929

Chemical Properties

Cas. No.	72093-22-2
Chemical Name	(S,Z)-2-((Z)-((2S,3S)-2-amino-1-hydroxy-3-methylpentylidene)amino)-N'1-((2S,3Z,5S,6Z,9Z,11S,12Z,14S,15Z,17S,18Z,20S,21Z,23S,24Z,26S,27Z,29S,30Z,32S,33Z,35S)-5,26,29-tris(4-aminobutyl)-11-((S)-sec-butyl)-3,6,9,12,15,18,21,24,27,30,33-undecahydroxy-35-(hydr
SMILES	CC[C@]([C@@](N)([H])/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/C/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](C(O)=N)([H])CC(C)C)([H])CC(C)C)([H])CCCCN)([H])CCCCN)([H])
Formula	$C_{73}H_{126}N_{20}O_{15}S$
M.Wt	1555.98
Solubility	Soluble to 1 mg/ml in sterile water
Storage	Desiccate at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	Mastoparan X

Caution: Product has not been fully validated for medical applications. For research use only.
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