

Product Name: D-GsMTx4
Cat. No.: GC50670

Cas. No.

SMILES O=C(N[C@H])(CSSC[C@H])(C(N[C@H])(CCCN(C)=N)C(N1[C@H](CCC1)C(N[C@H])(C
CCCN)C(N[C@H](CC(C)C)C(N[C@@H]2CCCCN)=O)=O)=O)=O)=O)NC3=O)C(N[C@
H](CC(C)C)C(N[C@H](CCC(O)=O)C(N[C@H](CC4=CC=CC=C4)C(N[C@H](CC5=CNC
6=CC=CC=C56)C(N[C@H](CC7=CNC8=CC=CC=C78)C(N[C@H](CCCCN)C(N[C@H](
CSSC[C@H])(C(N[C@H](CO)C(N[C@H](CCCCN)C(N[C@H](CC(C)C)C(N[C@H](CC9=
CC=CC=C9)C(N[C@H](CCCCN)C(N[C@@H]%10CC(C)C)=O)=O)=O)=O)=O)=O)NC2
=O)C(N[C@H](CC(N)=O)C(N%11[C@H](CCC%11)C(N[C@H](CC(N)=O)C(N[C@H](C
C(O)=O)C(N[C@H](CC(O)=O)C(N[C@H](CCCCN)C(N[C@@H]3CSSC[C@H])(C(N[C@
H](CC(N)=O)C(N[C@H](CC%12=CC=CC=C%12)C(N[C@H](CO)C(N[C@H]
(CC%13=CC=CC=C%13)C(N)=O)=O)=O)=O)=O)=O)NC%10=O)=O)=O)=O)=O)=O)=O
)=O)=O)=O)=O)=O)=O)=O)=O)CN

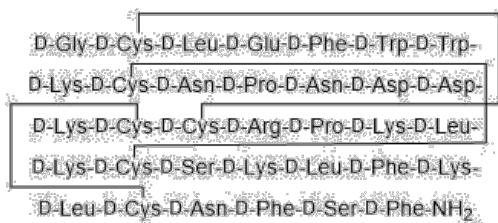
Formula	C ₁₈₅ H ₂₇₃ N ₄₉ O ₄₅ S ₆	M.Wt	4095.86
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Solubility	Storage	Store at -20°C
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General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure



Background

TRPC1/6 and Piezo2 inhibitor. Exhibits same effect as L-enantiomer, GsMTx4 on TRPC channels. Inhibits mechanosensitive currents by ~70%. Protects against myocardial infarction in mouse

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

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Product Data Sheet

ischemia/reperfusion model. Resistant to proteolytic digestion.

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