

**Product Name** : GsMTx4  
**Cat. No.** : PC-20552  
**CAS No.** : 1209500-46-8  
**Batch No.** : PC-2055201  
**Chemical Name** : [H]NCC(=O)N[C@H]1CSSC[C@@H]2NC(=O)[C@@H]3CSSC[C@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CC4=CC=CC=C4)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CO)NC(=O)[C@H](CSSC[C@H](NC(=O)[C@H](CCCCN)NC(=O)[C@H](CC4=CNC5=C4C=CC=C5)NC(=O)[C@H](CC4=CNC5=C4C=CC=C5)NC(=O)[C@H](CC4=CC=CC=C4)NC(=O)[C@H](CCC(O)=O)NC(=O)[C@H](CC(C)C)NC1=O)C(=O)N[C@@H](CC(N)=O)C(=O)N1CCC[C@H]1C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](CCCCN)C(=O)N3)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CCCCN)NC(=O)[C@@H]1CCCCN1C(=O)[C@H](CCCN(C)N)NC2=O)C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](CC1=CC=CC=C1)C(=O)N[C@@H](CO)C(=O)N[C@@H](CC1=CC=CC=C1)C(N)=O

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 4095.86  
**Molecular Formula** : C<sub>185</sub>H<sub>273</sub>N<sub>49</sub>O<sub>45</sub>S<sub>6</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month  
**Chemical Structure** : GCLEFWWKCNPNDDKCCRPKLKCSKLFKLCNFSF  
(Modifications: Disulfide bridges: 2-17, 9-23, 16-30), Phe-34 = C-terminal amide)

CAS: 1209500-46-8

## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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