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**Product Data Sheet**


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Product Name: R18  
 Cat. No.: GC16806

**Chemical Properties**

Cas. No. 211364-78-2

Chemical Name (3S,4Z,6S,7Z,9S,10Z,12S,13Z,15S,16Z,18S,19Z,21S,22Z,24S)-12-((1H-indol-3-yl)methyl)-18-(carboxymethyl)-24-((1Z,3S,4Z,6S,7Z,9S,10Z,12R,13Z,15S)-15-((S)-2-carboxypyrrolidine-1-carbonyl)-1,4,7,10,13-pentahydroxy-6-(2-hydroxy-2-iminoethyl)-12-(mercaptomethyl)

SMILES CC(C[C@@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])1([H])CCCN1C([C@])(/N=C(O)/[C@])(/N=C(O)/[C@])(/N=C(O)/[C@])2([H])CCCN2)([H])CC3=CN=CN3([H])CS([H])C(C)C=O([H])CCNC(N)=N([H])CC(O)=O([H])CC

Formula C<sub>101</sub>H<sub>157</sub>N<sub>27</sub>O<sub>29</sub>S<sub>3</sub> M.Wt 2309.69

Solubility Soluble to 1 mg/ml in Water Storage Desiccate 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

**Background**

Antagonist of 14.3.3 proteins ( $K_D \approx 80$  nM). Competitively inhibits 14.3.3-ligand interactions without requiring phosphorylation. Blocks the ability of 14.3.3 to bind to target proteins such as Raf-1, Bad, ASK1 and exoenzyme S. Induces apoptosis.

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

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