

Certificate of Analysis

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Product Name : Semapimod hydrochloride

 Cat. No.
 : PC-61901

 CAS No.
 : 164301-51-3

 Batch No.
 : PC-6190101

Chemical Name : N1,N10-bis(3-(1-(2-carbamimidoylhydrazono)ethyl)-5-(1-(2-

 $car bamimidoy I hydrazono) ethyl) phenyl) decane diamide \ tetra hydrochloride$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 890.746

 $\textbf{Molecular Formula} \qquad \qquad \textbf{:} \quad \mathsf{C}_{34}\mathsf{H}_{56}\mathsf{CI}_{4}\mathsf{N}_{18}\mathsf{O}_{2}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

ANALYTICAL DATA

Appearance : Solid powder

1 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!

E-mail: tech@probechem.com