

## **Certificate of Analysis**

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 Product Name
 : QBS10072S

 Cat. No.
 : PC-49169

 CAS No.
 : 1802735-28-9

 Batch No.
 : PC-4916901

**Chemical Name** : (S)-3-amino-4-(5-(bis(2-chloroethyl)amino)-2-methylphenyl)butanoic acid

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 333.253

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{15}H_{22}CI_2N_2O_2$ \\ \end{tabular}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

Chemical Structure

N NH<sub>2</sub> O OH

## **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!

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