Inhibitors

## **Certificate of Analysis**

## Penicillin G procaine (hydrate)

Cat. No.: HY-N7120 CAS No.: 6130-64-9 Batch No.: 64787

**Chemical Name:** 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amin

o]- (2S,5R,6R)-, compd. with 2-(diethylamino)ethyl 4-aminobenzoate, hydrate (1:1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{29}H_{40}N_4O_7S$ 

**Molecular Weight:** 588.72

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid) LCMS: Consistent with structure

Purity (LCMS): 99.52%

Conclusion: The product has been tested and complies with the given specifications.

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

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