

Inhibitors

# **Proteins**

# **Certificate of Analysis**

# hSMG-1 inhibitor 11j

Cat. No.: HY-124719 CAS No.: 1402452-15-6 Batch No.: 113324

**Chemical Name:** Benzenesulfonamide, 2-chloro-N,N-diethyl-5-[[4-[2-[4-[[(methylamino)carbonyl]amino]phenyl]-

4-pyridinyl]-2-pyrimidinyl]amino]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{27}\mathsf{H}_{28}\mathsf{CIN}_7\mathsf{O}_3\mathsf{S}$ 

**Molecular Weight:** 566.07

4°C, sealed storage, away from moisture and light Storage:

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to yellow (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.81%

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

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

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