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# Certificate of Analysis

# Inhibitors • Screening Libraries • Proteins

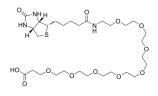
## **Biotin-PEG8-acid**

Cat. No.:	HY-140492
CAS No.:	2143964-62-7
Batch No.:	265622
Chemical Name:	4,7,10,13,16,19,22,25-Octaoxa-28-azatritriacontanoic acid, 33-[(3aS,4S,6aR)-hexahydro-2-oxo-1
	H-thieno[3,4-d]imidazol-4-yl]-29-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>29</sub> H <sub>53</sub> N <sub>3</sub> O <sub>12</sub> S		
Molecular Weight:	667.81		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

**Chemical Structure:** 



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.81%
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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