

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB5035	
Compound name	Biocytin	
Chemical name	N6-[5-[(3aS,4S,6aR)-Hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]-L-lysine	
Batch number	E1460-1-1	
Batch molecular formula	C <sub>16</sub> H <sub>28</sub> N <sub>4</sub> O <sub>4</sub> S	
Batch molecular weight	372.48	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.0%
NMR	<sup>1</sup> H NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (25 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

18-10-20

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.