
Biocytin

产品编号: D59132

CAS: 576-19-2

分子式: C₁₆H₂₈N₄O₄S

纯度: 98%

InChi Key: InChIKey=BAQMYDQNMFBZNA-MNXVOIDGSA-N

Smiles: N[C@@H](CCCCNC(CCCC[C@@H]([C@H]1N2)SC[C@@H]1NC2=O)=O)C(O)=O

外观: 固体粉末

作用通路: Metabolism

作用靶点: Endogenous Metabolite

溶解性: H₂O : 6 mg/mL (16.11 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Biocytin is a classical neuroanatomical tracer commonly used to map brain connectivity.

Biocytin is a conjugate of D-biotin and L-lysine, where the carboxylate of D-biotin is coupled with the ε-amine of L-lysine via a secondary amide bond.