

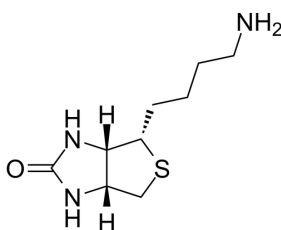
## Norbiotinamine

Cat. No.: HY-135717  
 CAS No.: 173401-47-3  
 Batch No.: 228438  
 Chemical Name: 1H-Thieno[3,4-d]imidazol-2(3H)-one, 4-(4-aminobutyl)tetrahydro-, (3aS,4S,6aR)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>17</sub>N<sub>3</sub>OS  
 Molecular Weight: 215.32  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Assay (QNMR): 99.80%  
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA