

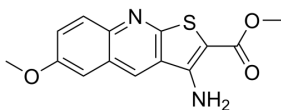
## PU-48

Cat. No.: HY-155642  
CAS No.: 335394-78-0  
Batch No.: 284299  
Chemical Name: Thieno[2,3-b]quinoline-2-carboxylic acid, 3-amino-6-methoxy-, methyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S  
Molecular Weight: 288.32  
Storage: 4°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 99.64%  
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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