

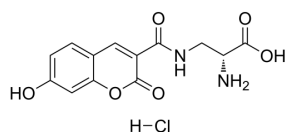
## HADA (hydrochloride)

Cat. No.: HY-131045  
CAS No.: 2253733-10-5  
Batch No.: 93424  
Chemical Name: D-Alanine, 3-[[[(7-hydroxy-2-oxo-2H-1-benzopyran-3-yl)carbonyl]amino]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>13</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>6</sub>  
Molecular Weight: 328.71  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.08%  
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