

Rexar Technical Compound Datasheet

Product Name: Nooglutyl

Chemical Name: N-[(5-Hydroxy-3-isoxazolyl)acetyl]-L-glutamic acid

CAS Number: 112193-35-8

PubChem CID: [147523](#)

Synonyms:

- Nooglutyl
- Nooglutil
- L-Glutamic acid, N-[(5-hydroxy-3-isoxazolyl)acetyl]-

Chemical Information

Molecular Formula C₉H₁₀N₂O₆

Molecular Weight 242.18 g/mol

IUPAC Name 2-(5-hydroxy-1,2-oxazol-3-yl)-N-(1-oxopropan-2-yl)glutamide

SMILES C(C(=O)O)C@HNC(=O)CC1=NOC(=C1)O

InChIKey UXVZBFAAXZZZSG-MRVPVSSYSA-N

Appearance White to off-white powder

Solubility Soluble in water and polar solvents

Applications

- Reference compound for isoxazole-acylated amino acids
- Used in neurochemical and glutamatergic research models
- Analytical standard in controlled lab environments

Storage & Handling

Storage Temperature Store between 15–25 °C

Environment Dry, dark conditions; avoid moisture

Handling Use standard laboratory safety procedures

Packaging Supplied in sealed containers for lab use

Additional Notes

- Distributed exclusively for research and analytical applications
- Not for use in humans or animals
- For structural reference, visit: [PubChem CID 147523](#)