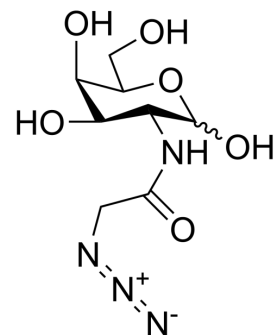


## 2-[(Azidoacetyl)amino]-2-deoxy-D-galactose

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-W039921  |
| CAS No.:           | 869186-83-4   |
| Molecular Formula: | C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> O <sub>6</sub>                              |
| Molecular Weight:  | 262.22  |
| Target:            | Biochemical Assay Reagents  |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

2-[(Azidoacetyl)amino]-2-deoxy-D-galactose targets O-GlcNAc-modified proteins. By detecting and targeting O-GlcNAc-modified proteins, 2-[(Azidoacetyl)amino]-2-deoxy-D-galactose can serve as a chemical tag for intracellular sugar chain metabolism<sup>[1]</sup>.

### REFERENCES

[1]. Qin W, et al. Artificial Cysteine S-Glycosylation Induced by Per-O-Acetylated Unnatural Monosaccharides during Metabolic Glycan Labeling. *Angew Chem Int Ed Engl.* 2018 Feb 12;57(7):1817-1820..

**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