



# Certificate of analysis

Productname: Lesinurad

Cas number: 878672-00-5

Molecular Formula:  $C_{17}H_{14}BrN_3O_2S$

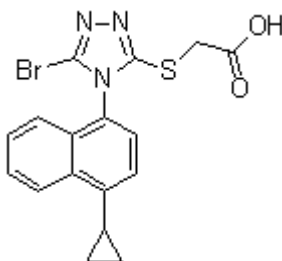
Molecular Weight: 404.28

Date of production: April. 18, 2017

Batch No: 20170418

Exp Date: April. 17, 2020

Chemical structure:



| Items               | Specifications  | Results |
|---------------------|---|---------|
| Description         | white powder  | Conform |
| Identification      | NMR HPLC  | Conform |
| Solubility          | Practically insoluble in water and soluble in DMSO  | Conform |
| Water content       | $\leq 0.5\%$  | 0.10%   |
| Loss on drying      | $\leq 0.5\%$  | 0.2%    |
| Related substances  | Single impurity $\leq 0.5\%$  | 0.2%    |
|                     | Total impurities $\leq 1.0\%$   | 0.5%    |
| Residue on ignition | $\leq 0.1\%$  | 0.06%   |
| Residual Solvents   | Ethyl acetate $\leq 5000$ ppm<br>Petroleum ether $\leq 1000$ ppm<br>Ethyllic acid $\leq 5000$ ppm | Conform |
| Assay               | $\geq 99.0\%$   | 99.5%   |

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F