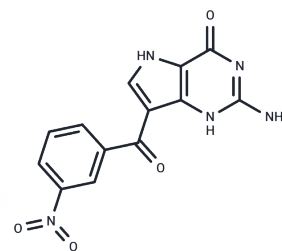


LSPN451

## Chemical Properties

CAS No. : 474555-58-3  
 Formula: C<sub>13</sub>H<sub>9</sub>N<sub>5</sub>O<sub>4</sub>  
 Molecular Weight: 299.24  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	LSPN451 is an effective xanthine oxidase inhibitor and may be used to treat hyperuricemia and gout.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3418 mL	16.709 mL	33.418 mL
5 mM	0.6684 mL	3.3418 mL	6.6836 mL
10 mM	0.3342 mL	1.6709 mL	3.3418 mL
50 mM	0.0668 mL	0.3342 mL	0.6684 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Rodrigues MV, Barbosa AF, da Silva JF, Dos Santos DA, Vanzolini KL, de Moraes MC, Corrêa AG, Cass QB. 9-Benzoyl 9-deazaguanines as potent xanthine oxidase inhibitors. *Bioorg Med Chem*. 2016 Jan 15;24(2):226-31. doi: 10.1016/j.bmc.2015.12.006. Epub 2015 Dec 8. PubMed PMID: 26712096.

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