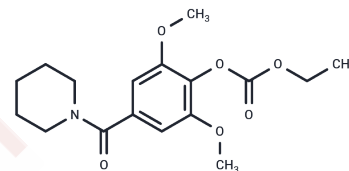


LG 50046

## Chemical Properties

CAS No. : 1703-32-8  
 Formula: C<sub>17</sub>H<sub>23</sub>NO<sub>6</sub>  
 Molecular Weight: 337.37  
 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	LG 50046 is a bioactive chemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9641 mL	14.8205 mL	29.641 mL
5 mM	0.5928 mL	2.9641 mL	5.9282 mL
10 mM	0.2964 mL	1.4821 mL	2.9641 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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

Landowski TH, Samulitis BK, Dorr RT. The diaryl oxazole PC-046 is a tubulin-binding agent with experimental anti-tumor efficacy in hematologic cancers. *Invest New Drugs*. 2013 Dec;31(6):1616-25. doi: 10.1007/s10637-013-0019-8. Epub 2013 Sep 14. PubMed PMID: 24037082; PubMed Central PMCID: PMC3899824.

Norén T, Johansson K, Unemo M. Clostridium difficile PCR ribotype 046 is common among neonatal pigs and humans in Sweden. *Clin Microbiol Infect*. 2014 Jan;20(1):O2-6. doi: 10.1111/1469-0691.12296. Epub 2013 Aug 8. PubMed PMID: 23927574.

Nambu F, Motoishi M, Omawari N, Okegawa T, Kawasaki A, Ikeda S. Inhibitory effects of OKY-046 on spasmogen-induced bronchoconstrictions in sensitized and non-sensitized guinea pigs. *Jpn J Pharmacol*. 1990 Feb;52(2):307-17. PubMed PMID: 2313938.

Kato T, Hayashi K, Takamizawa K, Tsushima N. A selective thromboxane synthetase inhibitor, OKY-046, fails to improve blood rheology in endotoxin-shocked rabbits. *J Anesth*. 1991 Jul;5(3):247-54. PubMed PMID: 15278626.

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