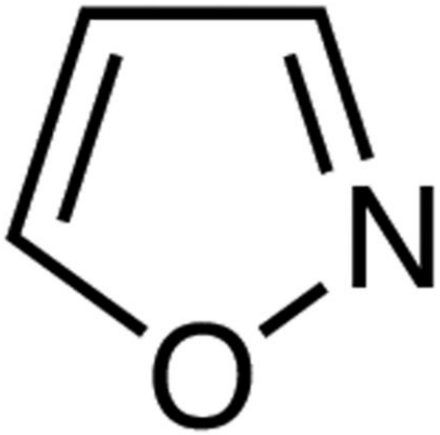
Product Data Sheet

Product Name: Isoxazole
Cat. No.: GD15157

Chemical Properties

Cas. No.	288-14-2		
Formula		M.Wt	
Solubility	DMSO : 100 mg/mL (1448.02 mM; Need ultrasonic)	Storage	2-8°C argon filling
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Isoxazole is a agent scaffold that can be used to develop new agents with various biological activities (e.g. anti-microbial, anti-viral, anti-cancer, anti-inflammatory, immunomodulatory, anti-convulsant or anti-diabetic properties).

[1]. Zhu J, et al. The recent progress of isoxazole in medicinal chemistry. Bioorg Med Chem. 2018 Jul 23;26(12):3065-3075.

[2]. Sysak A, et al. Isoxazole ring as a useful scaffold in a search for new therapeutic agents. Eur J

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Med Chem. 2017 Sep 8;137:292-309.