Product Data Sheet

Product Name: 3-Methyl-1H-pyrrole-2,5-dione
Cat. No.: GF29890

Chemical Properties

Cas. No.	1072-87-3		
Formula	$C_5H_5NO_2$	M.Wt	111.1
Solubility		Storage	-20°C
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

Citraconimide is a 3-methylmaleimide derivative. Citraconimide has thiol affinity and can undergo highly regioselective addition with a variety of alkyl thiols. Citraconimide derivatives show growth

inhibitory activity against HeLa cells. Citraconimide can be modified by N-substitution, halogenation andotherreactions for use in bioactive molecule design and drug development research[1].

References:

[1].Earl, R.A., et al. Chemical investigations of citraconimide†. Journal of Heterocyclic Chemistry, 15: 1479-1483.