

4-(3-Methyl-5-oxo-2-pyrazolin-1-yl)benzoic acid

Chemical Properties

CAS No. :	60875-16-3
Formula:	C11H10N2O3
Molecular Weight:	218.209
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	4-(3-Methyl-5-oxo-2-pyrazolin-1-yl)benzoic acid demonstrates hypoglycemic activity by acting through a mechanism reliant on the response to oral glucose overload.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5827 mL	22.9137 mL	45.8274 mL
5 mM	0.9165 mL	4.5827 mL	9.1655 mL
10 mM	0.4583 mL	2.2914 mL	4.5827 mL
50 mM	0.0917 mL	0.4583 mL	0.9165 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

G M Antón-Fos, et al. Pharmacological Studies of the Two New Hypoglycaemic Compounds 4-(3-methyl-5-oxo-2-pyrazolin-1-yl)benzoic Acid and 1-(mesitylen-2-sulfonyl)-1H-1,2,4-triazole. *Arzneimittelforschung*. 1994 Jul;44(7): 821-6.

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