Certificate of Analysis

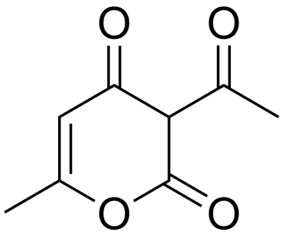
Dehydroacetic acid

Cat. No.:	HY-B1211
CAS No.:	520-45-6
Batch No.:	137384
Chemical Name:	2H-Pyran-2,4(3H)-dione, 3-acetyl-6-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_8H_8O_4$		
Molecular Weight:	**168.15**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.79%**
Water(KF):	0.05%
Residue on Ignition:	0.01%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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