Certificate of Analysis

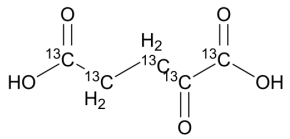
2-Ketoglutaric acid-$^{13}C_5$

Cat. No.:	HY-W013636S
CAS No.:	161096-83-9
Batch No.:	430739
Chemical Name:	Pentanedioic-13C5 acid, 2-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$^{13}C_5H_6O_5$		
Molecular Weight:	**151.06**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	**98.6%**
Isotopic Enrichment:	99.2%
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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