



CERTIFICATE OF ANALYSIS

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1. Identification

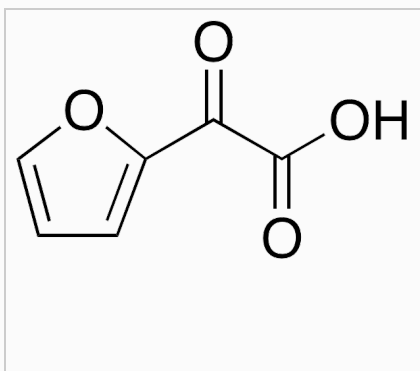
Catalogue Number: O870030

CAS Number: 1467-70-5

Product: a-Oxo-2-furanacetic Acid

Synonym: 2-(2-Furyl)-2-oxoacetic acid; 2-(Furan-2-yl)-2-oxoacetic acid; 2-Furanyl(oxo)acetic acid; 2-Furylglyoxylic acid; 2-Oxo-2-(2-furanyl)acetic acid; Furoylformic acid; NSC 59069; 2-Furanglyoxylic acid;

Structure:



Molecular Formula:

C₆H₄O₄

Molecular weight:

140.09

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-YJK-105-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Beige to Very Dark Brown Solid	Very Dark Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.97% (285 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	7/21/2023	7/19/2027