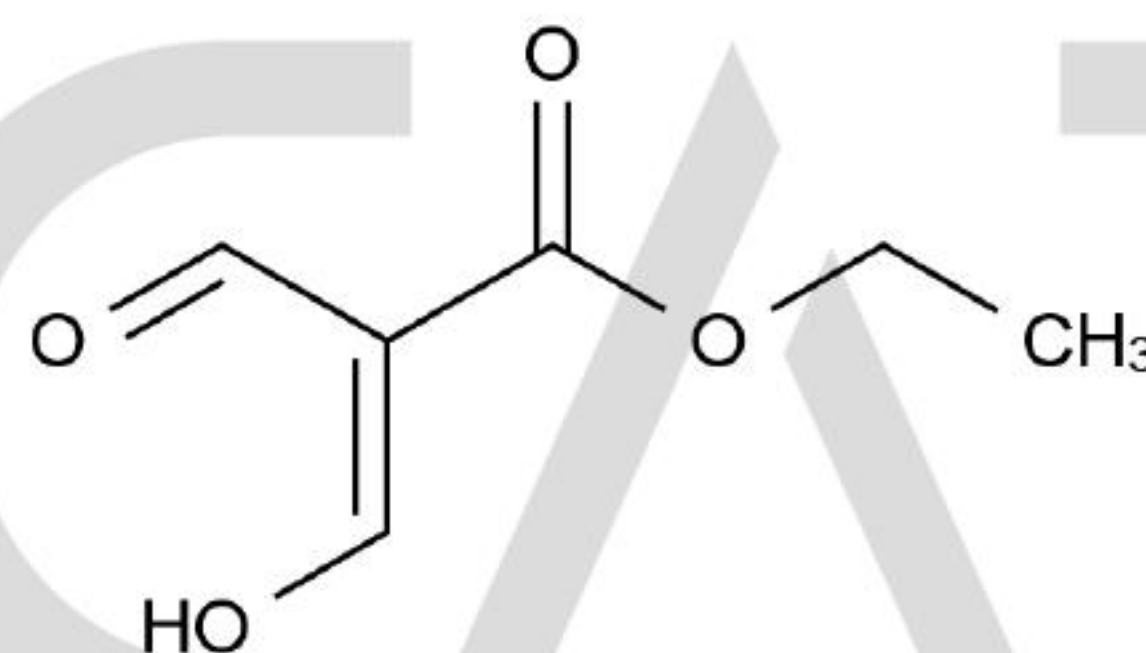
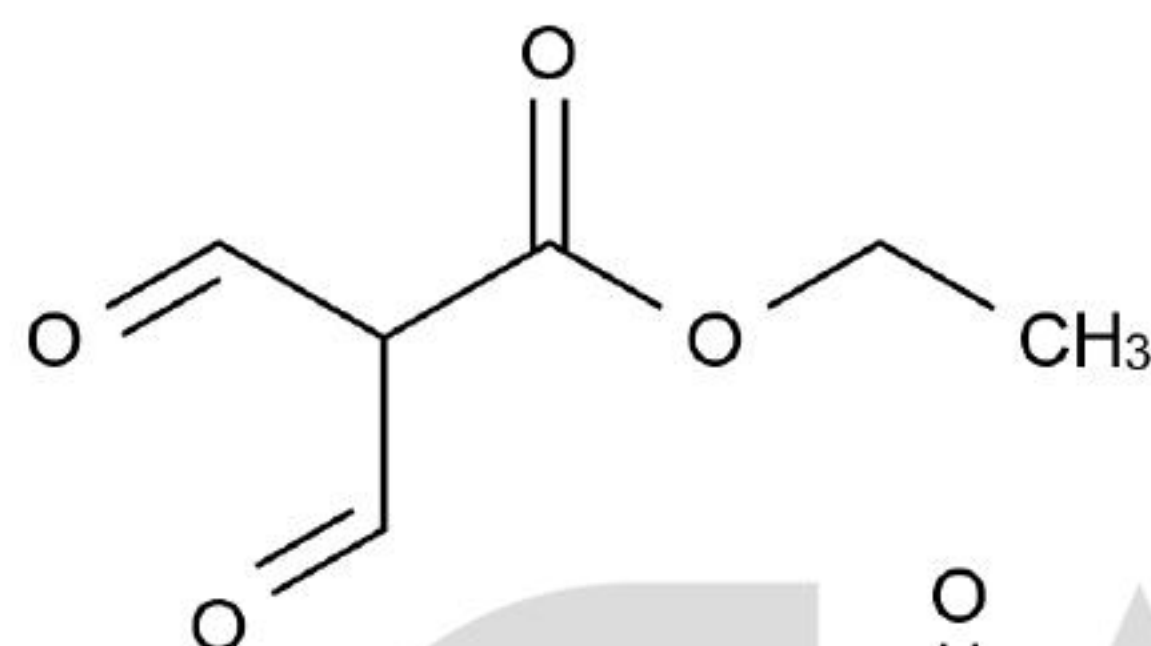


Certificate of Analysis

Reference Material & Standard

Product Name:	Regadenoson Impurity N21	Catalogue Number:	CP148112
Synonyms:	N/A	Lot Number:	0307-RG-0070
CAS Number:	80370-42-9	Expiry Date:	Mar 06, 2028
Molecular Formula:	2*C ₆ H ₈ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*144.13	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.930%
Water Content	Karl Fischer	0.9586%
Assay		97.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 07, 2025

Date: Mar 07, 2025

Date: Mar 07, 2025

