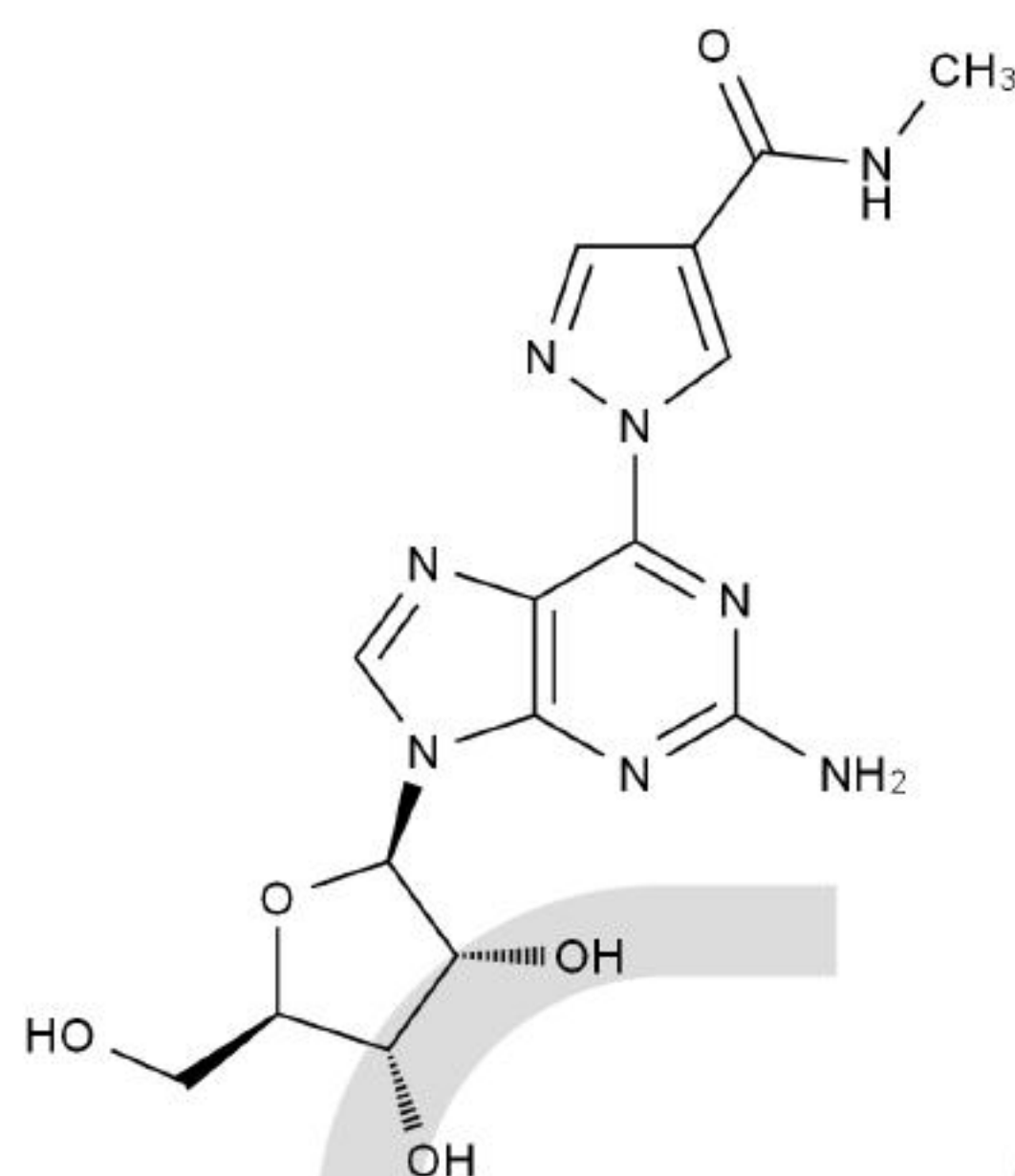


Certificate of Analysis

Reference Material

Product Name:	Regadenoson Impurity 4	Catalogue Number:	C4X-19854
Chemical Name:	N/A	Lot Number:	0924-RE-0014
CAS Number:	N/A	Expiry Date:	Sep 25, 2026
Molecular Formula:	C15H18N8O5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	390.35		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.157%
Loss On Drying	TGA	3.8220%
Assay		95.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General manager:

David

Date: Sep 26, 2023

Date: Sep 27, 2023

Date: Sep 27, 2023

