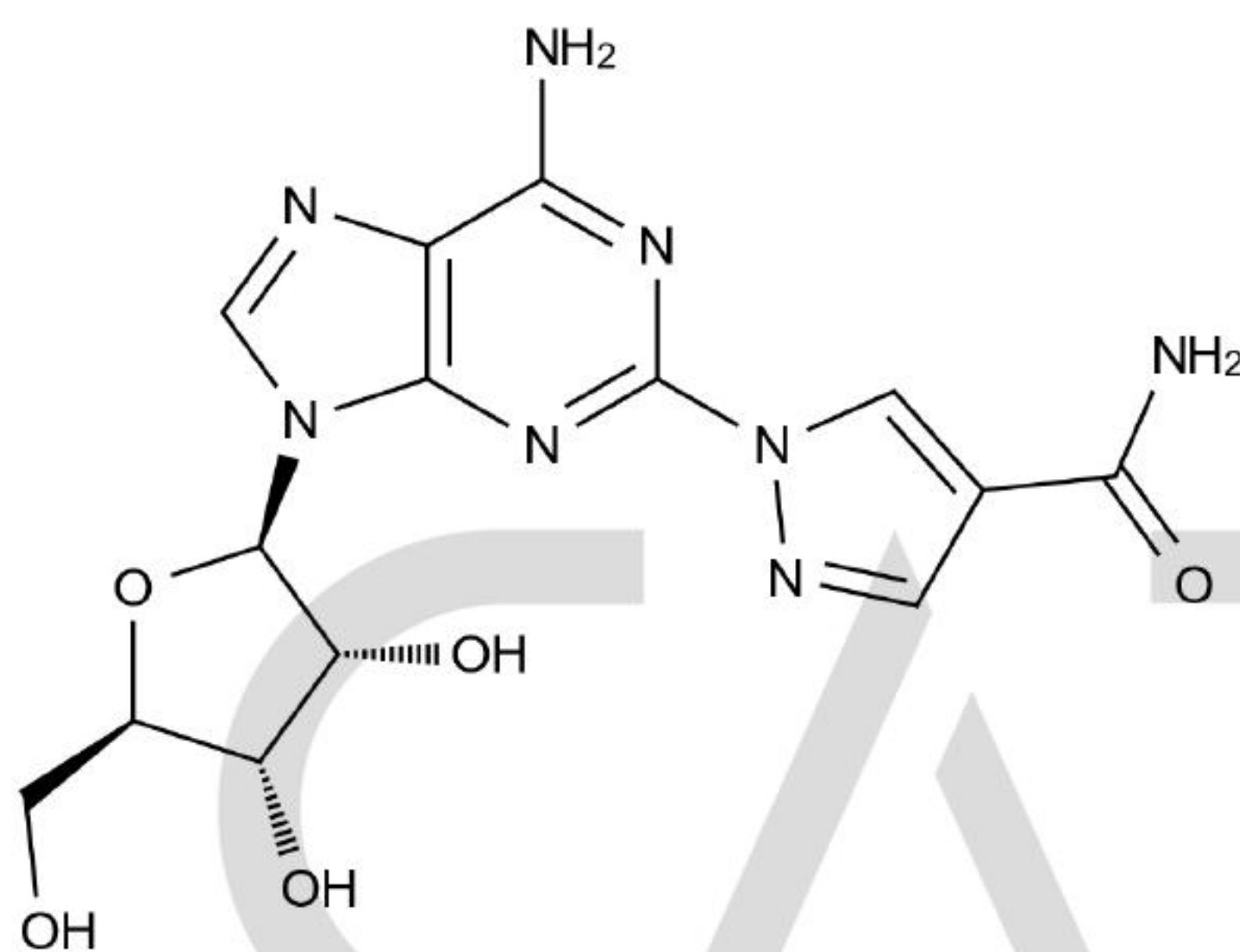


Certificate of Analysis

Reference Material & Standard

Product Name:	Regadenoson Impurity 43	Catalogue Number:	C4X-198543
Synonyms:	N/A	Lot Number:	0808-RF-0062
CAS Number:	N/A	Expiry Date:	Aug 11, 2027
Molecular Formula:	C ₁₄ H ₁₆ N ₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	376.33	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.855%
Loss On Drying	TGA	6.7205%
Assay		91.3%

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: Aug 12, 2024

Date: Aug 13, 2024

Date: Aug 13, 2024

