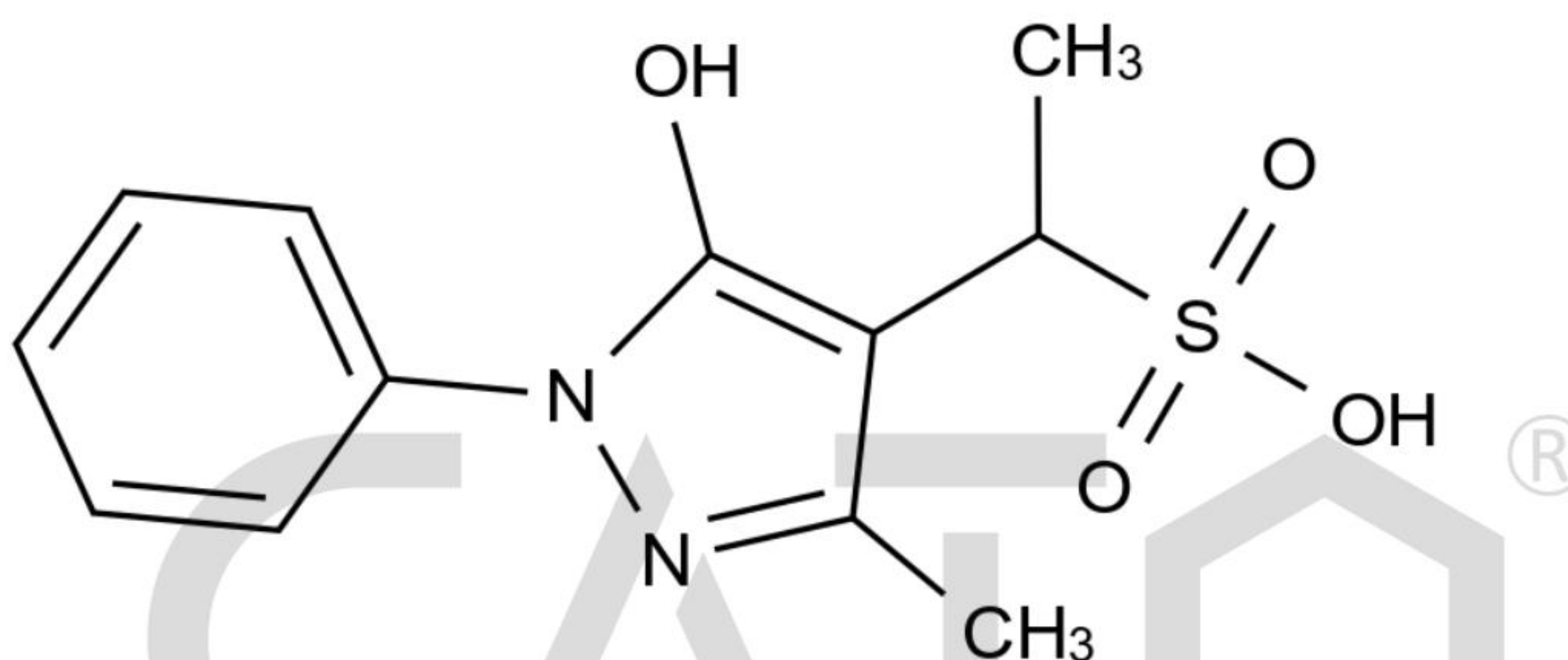


Certificate of Analysis

Reference Material & Standard

Product Name:	Edaravone impurity 45	Catalogue Number:	C4X-106245
Synonyms:	N/A	Lot Number:	0923-RF-0100
CAS Number:	N/A	Expiry Date:	Sep 20, 2027
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	282.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.877%
Water Content	Karl Fischer	0.71%
Residual Solvents	NMR	1.34% formic acid
Assay		97.8%

Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 29, 2024

Date: Sep 29, 2024

Date: Sep 29, 2024

