

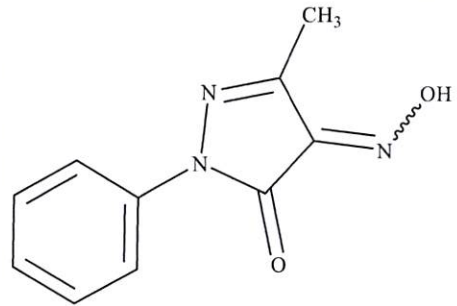
Certificate of Analysis

Certificate No.: 20260609008


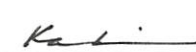
Date: June 9, 2026

Retest date: June 3, 2029

Compound Name: C-Nitroso Edaravone Impurity 9 (Mixture of Isomers)	
Synonyms:	4-(hydroxyimino)-5-methyl-2-phenyl-2,4-dihydro-3H-pyrazol-3-one
TLC Catalogue Number:	E-5369
CAS Number:	1080-89-3
Alternate CAS Number:	N/A
Molecular Weight:	203.20
Molecular Formula:	C ₁₀ H ₉ N ₃ O ₂
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7398-096A1
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, DMF, Acetonitrile



Test Description	Specifications	Results
Visual Description	Orange solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.8%
Impurity (HPLC)	RT 3.20, 0.22%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.7% ethyl acetate	
Assay (%)	Not less than 90.0%	98.9%
Recommendation:	Release. The compound is an <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, MS and NMR spectra.