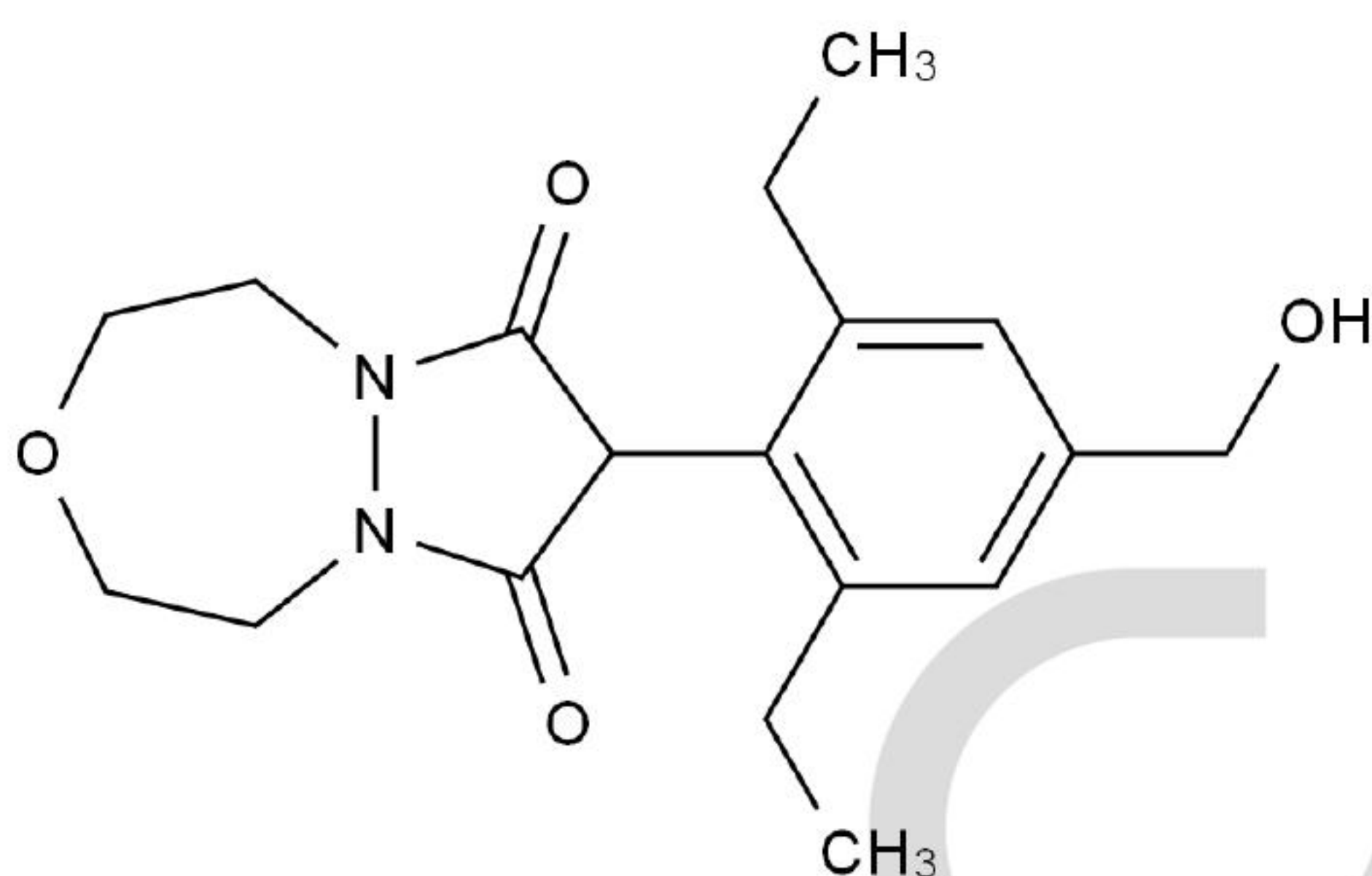


Certificate of Analysis

Reference Material & Standard

Product Name:	Pinoxaden Metabolite SYN505164	Catalogue Number:	CCPD103569
Synonyms:	N/A	Lot Number:	0710-RE-0064
CAS Number:	881376-41-6	Expiry Date:	Jan 30, 2026
Molecular Formula:	C ₁₈ H ₂₄ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.39		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	95.1%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: 古雪

Reviewed by: *Hinlam*

Aporoved by General Manager:

David

Date: Jul 12, 2023

Date: Jul 12, 2023

Date: Jul 12, 2023

