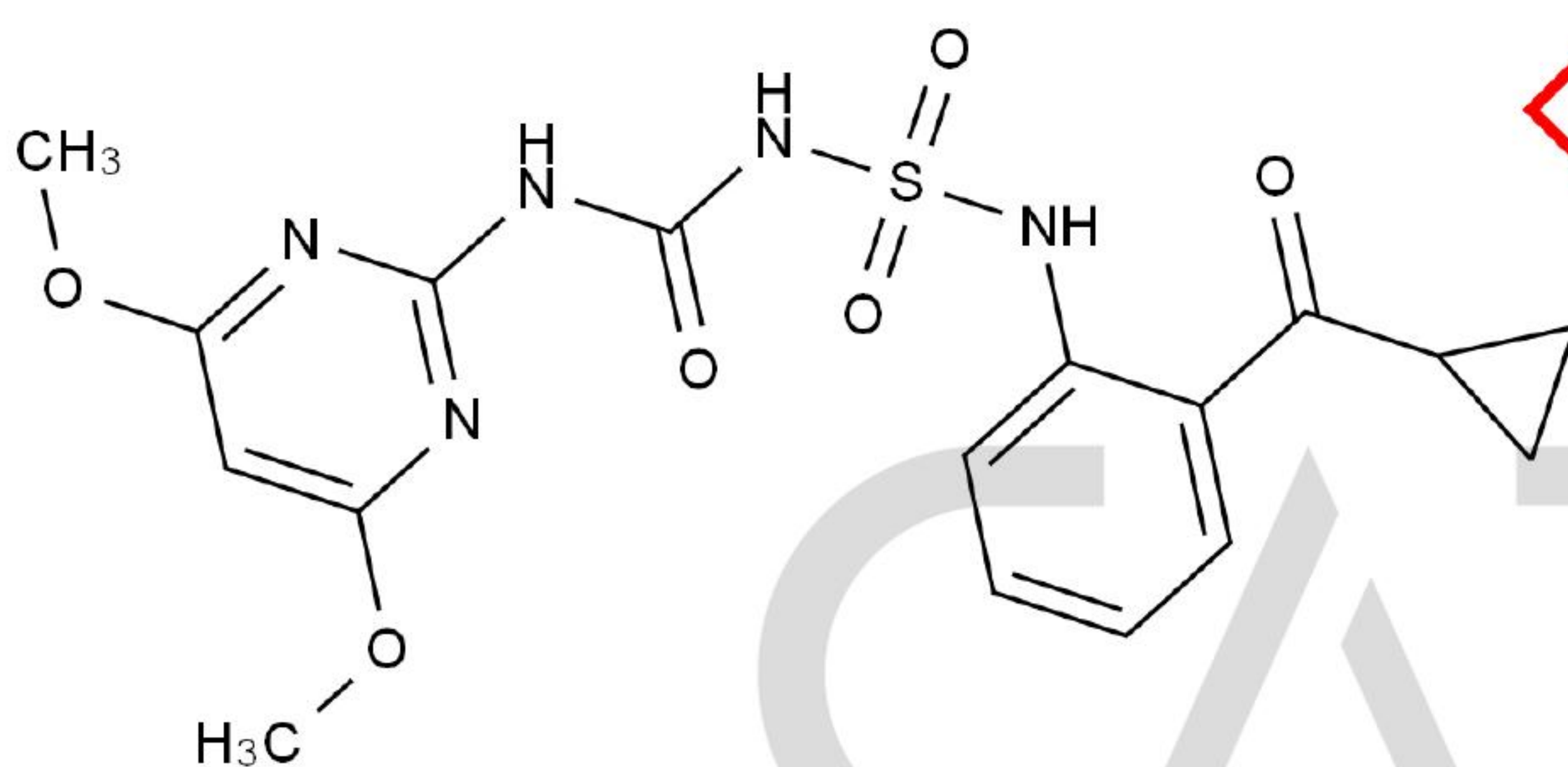


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclosulfamuron	Catalogue Number:	CCPD100249
Synonyms:	N/A	Lot Number:	0927-RE-0060
CAS Number:	136849-15-5	Expiry Date:	Jul 23, 2025
Molecular Formula:	C ₁₇ H ₁₉ N ₅ O ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	421.43		
Chemical Structure:			



Warning:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Purity	UPLC	99.05%
Water Content	Karl Fischer	1.81%
Assay		97.3%
Uncertainty		±3.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity UPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, UPLC purity is considered as relative effect.
3. 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:

Lisa

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Sep 28, 2023

Date: Sep 28, 2023

Date: Sep 28, 2023

