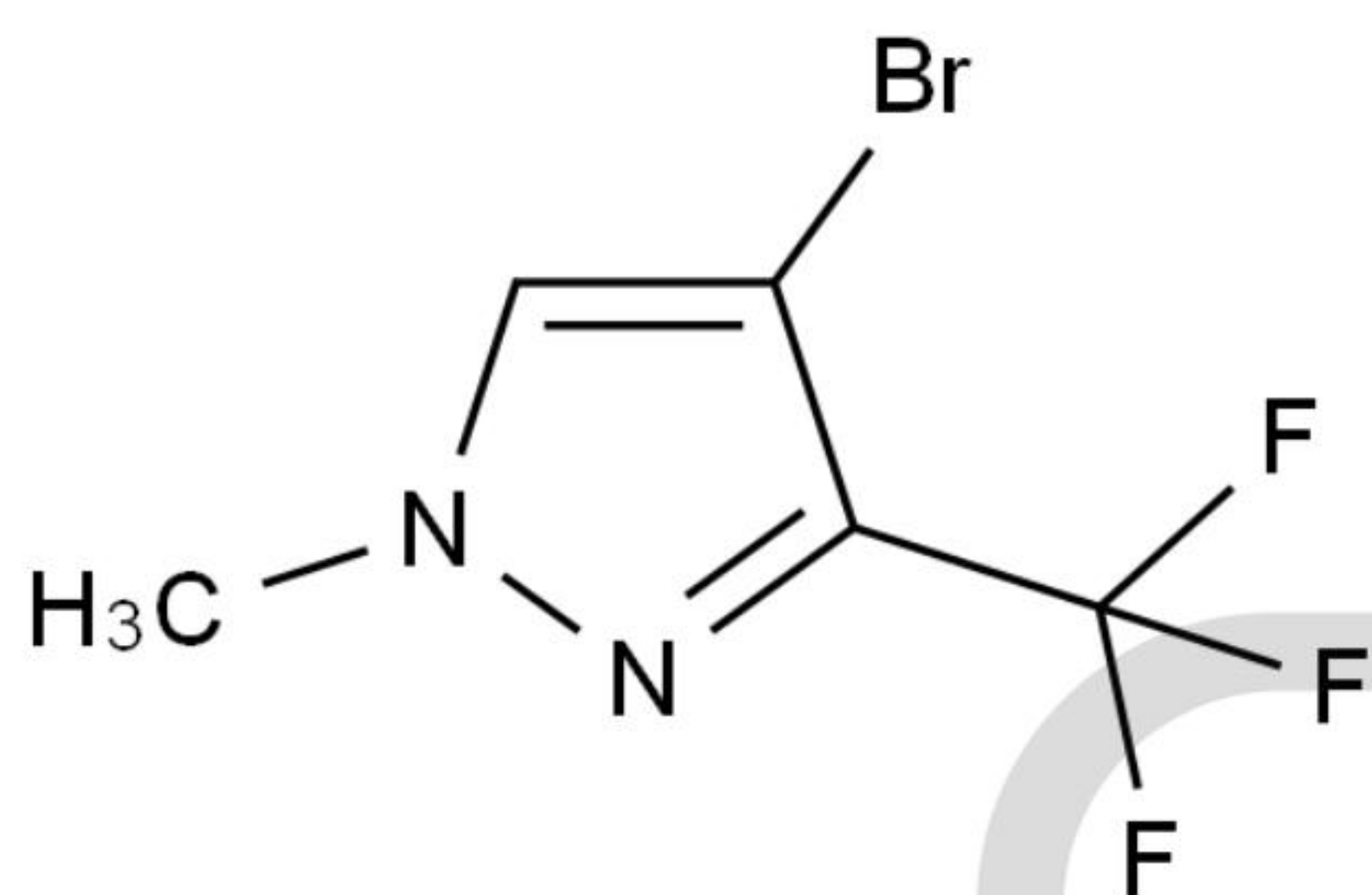


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazole	Catalogue Number:	CS344999
Synonyms:	N/A	Lot Number:	0320-RE-0023
CAS Number:	497832-99-2	Expiry Date:	Mar 27, 2027
Molecular Formula:	C ₅ H ₄ BrF ₃ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	229.00		
Chemical Structure:			



Warning:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	99.6%
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: 吴晓琳

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Mar 28, 2023

Date: Mar 30, 2023

Date: Mar 30, 2023

