



CERTIFICATE OF ANALYSIS

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1. Identification

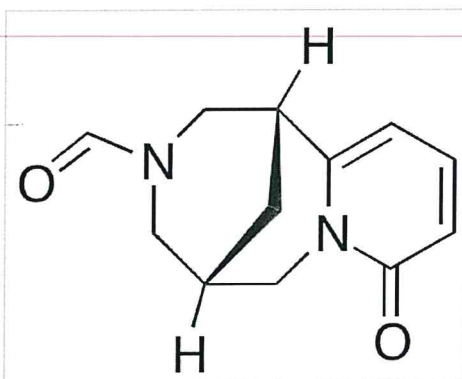
Catalogue Number: F698970

CAS Number: 53007-06-0

Product: N-Formylcytisine

Synonym: (1R,5S)-1,5,6,8-Tetrahydro-8-oxo-1,5-methano-2H-pyrido[1,2-a][1,5]diazocine-3(4H)-carboxaldehyde; (1R)-1,5,6,8-Tetrahydro-8-oxo-1,5-methano-2H-pyrido[1,2-a][1,5]diazocine-3(4H)-carboxaldehyde; (-)-N-Formylcytisine

Structure:



Molecular Formula:

$C_{12}H_{14}N_2O_2$

Molecular weight:

218.25

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Methanol (Slightly)

Lot Number: 1-MSI-15-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: Hygroscopic, -20°C Freezer, Under inert atmosphere

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: SiO_2 ; Dichloromethane : Methanol = 9 : 1; Visualized with $KMnO_4$; Single Spot, $R_f = 0.50$.

Purity is based on the analytical results of the tests performed. NMR and TLC may have an accuracy $\pm 2\%$. Isotopic purity is based on mass distribution observed.

4. Signatures

Reviewed By
Eric Beaton

Reviewed By
Xhoana Gjergji

C of A Approved By
My Nguyen

Test Date
11/23/2018

Retest Date
11/21/2022