



CERTIFICATE OF ANALYSIS

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1. Identification

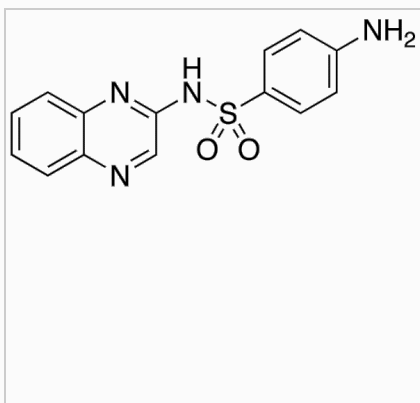
Catalogue Number: S689035

CAS Number: 59-40-5

Product: Sulfaquinoxaline

Synonym: 4-Amino-N-2-quinoxalinylnbenzenesulfonamide; N1-(2-Quinoxalinyln)sulfanilamide; 2-(p-Sulfanilamido)quinoxaline; 2-Sulfanilamidobenzopyrazine; 2-p-Aminobenzenesulfonamidoquinoxaline; Avicoid; Italquina; Kokozigal; N1-(2-Quinoxalinyln)sulfanilamide; NSC 41805; SQ 40; SQX; Sulfa-Q 20; Sulfabenzpyrazine; Sulfaline; Sulphaquinoxaline; Sulquin; Ursokoxaline

Structure:



Molecular Formula:

C₁₄H₁₂N₄O₂S

Molecular weight:

300.34

Source of Product:

N/A

Solubility:

Acetone (Slightly), DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 5-MIC-120-1

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.63, %H: 3.76, %N: 18.54
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.94% (250 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 8.5 : 1.5;
Visualized with UV and AMCS; R_f = 0.50. Elemental Analysis:
(Theoretical) %C: 55.99, %H: 4.03, %N: 18.65

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	3/6/2020	3/4/2030
