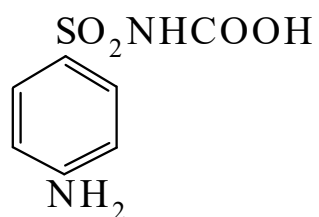




>>Entry Name: [(4-Aminophenyl)sulfonyl]carbamic acid, 9Cl

Synonym(s): Sulfanilylcarbamic acid, 8Cl



Related CAS Registry Numbers(s): 2302-17-2

Molecular Formula: $\text{C}_7\text{H}_8\text{N}_2\text{O}_4\text{S}$

Molecular Weight: 216.217

Accurate Mass: 216.020478

Percentage Composition: C 38.89%; H 3.73%; N 12.96%; O 29.60%; S 14.83%

General Statement: Free acid unknown

>>Derivative: Me ester

Synonym(s): Asulam, ANSI, BSI, ISO, JMAF, WSSA. Asulox

CAS Registry Number: 3337-71-1

Molecular Formula: $\text{C}_8\text{H}_{10}\text{N}_2\text{O}_4\text{S}$

Molecular Weight: 230.244

Accurate Mass: 230.036128

Percentage Composition: C 41.73%; H 4.38%; N 12.17%; O 27.80%; S 13.93%

Physical Description: Herbicide

Melting Point: Mp 145-146°

Solubility: Mod. sol. H_2O

pKa Value: $\text{p}K_{\text{a}}$ 4.82 (imido)

Hazard & Toxicity: LD_{50} (rat, orl) 2000 mg/kg

References:

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