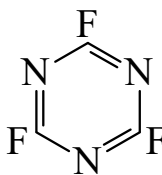




>>Entry Name: Trifluoro-1,3,5-triazine

Synonym(s): Cyanuric fluoride



CAS Registry Number: 675-14-9

Molecular Formula: C₃F₃N₃

Molecular Weight: 135.048

Accurate Mass: 135.004431

Percentage Composition: C 26.68%; F 42.20%; N 31.11%

Source/Synthesis: Formed from corresp. chloride + HF or SF₄ or other fluorinating agents

Use/Importance: Reagent for conversion of carboxylic acids to acid fluorides. Used in synth. of amino acid fluorides

Physical Description: Colourless liq., readily hydrol.

Melting Point: Mp -38°

Boiling Point: Bp 72°

Density: d²⁰ 1.586

Hazard & Toxicity: Highly toxic, corrosive, lachrymatory

Fluka: 28625

Rare Chemicals Library: S45242-4

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