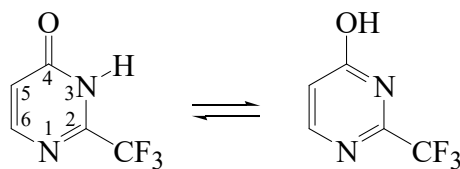




>>Entry Name: 4-Hydroxy-2-trifluoromethylpyrimidine

Synonym(s): 2-(Trifluoromethyl)-4-pyrimidinol, 8Cl. 2-(Trifluoromethyl)-4(3*H*)-pyrimidinone



CAS Registry Number: 1546-80-1

Molecular Formula: C₅H₃F₃N₂O

Molecular Weight: 164.087

Accurate Mass: 164.019747

Percentage Composition: C 36.60%; H 1.84%; F 34.73%; N 17.07%; O 9.75%

Physical Description: Prisms (H₂O)

Melting Point: Mp 167-168°

>>Variant: *OH*-form

Molecular Formula: C₅H₃F₃N₂O

Molecular Weight: 164.087

Accurate Mass: 164.019747

Percentage Composition: C 36.60%; H 1.84%; F 34.73%; N 17.07%; O 9.75%

>>Derivative: Et ether

Synonym(s): 4-Ethoxy-2-(trifluoromethyl)pyrimidine

CAS Registry Number: 24903-68-2

Molecular Formula: C₇H₇F₃N₂O

Molecular Weight: 192.14

Accurate Mass: 192.051047

Percentage Composition: C 43.76%; H 3.67%; F 29.66%; N 14.58%; O 8.33%

Physical Description: Liq.

References:

Inoue, S. *et al.*, *J.O.C.*, 1961, **26**, 4504-4508, (*synth*)

Jonak, J.P. *et al.*, *J.O.C.*, 1970, **35**, 2512-2516, (*Et ether*)