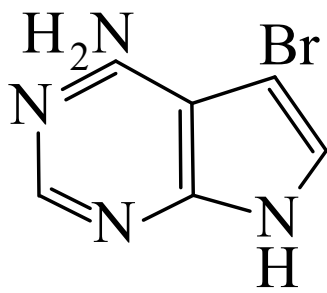




>>Entry Name: 4-Amino-5-bromopyrrolo[2,3-*d*]pyrimidine

Synonym(s): 5-Bromo-1*H*-pyrrolo[2,3-*d*]pyrimidin-4-amine, 9Cl



CAS Registry Number: 22276-99-9

Molecular Formula: C₆H₅BrN₄

Molecular Weight: 213.036

Accurate Mass: 211.989757

Percentage Composition: C 33.83%; H 2.37%; Br 37.51%; N 26.30%

Biological Source: Isol. from a sponge *Echinodictyum* sp.

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 240-241 (238-239°) dec.°

UV: [acid] λ_{max} 232 (ε 16600); 282 (ε 8710) (pH 1) (Derep) [base] λ_{max} 225 (ε 14800); 279 (ε 8910) (pH 11) (Derep) [neutral] λ_{max} 232 (ε 16600); 282 (ε 8710) (pH 1) (Derep)

References:

Gerster, J.F. *et al.*, *J. Het. Chem.*, 1969, **6**, 207, (*synth, uv*)

Kazlauskas, R. *et al.*, *Aust. J. Chem.*, 1983, **36**, 165, (*isol, uv, pmr, cmr, ms*)