



Use/Importance: Tyrosine phosphatase inhibitor

Physical Description: Powder

Melting Point: Mp 104-107°

Solubility: BERDY SOL: Sol. MeOH, Me₂CO; poorly sol. H₂O, hexane

UV: [acid] $\lambda_{\max}$ 305 (ϵ 3450) (MeOH/HCl) (Derep) [neutral] $\lambda_{\max}$ 305 (ϵ 3280) (MeOH) (Derep) [base] $\lambda_{\max}$ 314 (ϵ 3180) (MeOH/NaOH) (Derep) [neutral] $\lambda_{\max}$ 305 (ϵ 3280) (MeOH) (Berdy) [acid] $\lambda_{\max}$ 305 (E1%/1cm 3450) (MeOH-HCl) (Berdy) [base] $\lambda_{\max}$ 314 (ϵ 3175) (MeOH-NAOH) (Berdy)

>> **Derivative:** 1-Me ether

Synonym(s): 3-Amino-4-methoxyphenol, 9CI

CAS Registry Number: 29644-12-0

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.154

Accurate Mass: 139.063329

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Use/Importance: Dyestuffs intermed.

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 116°

>> **Derivative:** 1-Me ether, methanesulfonyl

CAS Registry Number: 29644-11-9

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 84°

>> **Derivative:** 4-Me ether

Synonym(s): 2-Amino-4-methoxyphenol, 9CI

CAS Registry Number: 20734-76-3

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.154

Accurate Mass: 139.063329

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Melting Point: Mp 129-130° (135°)

>> **Derivative:** 4-Me ether; hydrochloride

CAS Registry Number: 32190-97-9

Physical Description: Cryst. (EtOH)

Melting Point: Mp 209-211 dec.°