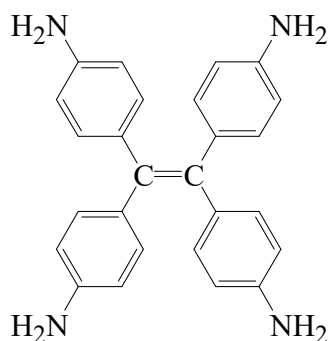




>>Entry Name: Tetrakis(4-aminophenyl)ethylene

Synonym(s): 4,4',4'',4'''-(1,2-Ethenediylidene)tetrakisbenzenamine, 9Cl



CAS Registry Number: 78525-34-5

Molecular Formula: C₂₆H₂₄N₄

Molecular Weight: 392.502

Accurate Mass: 392.200096

Percentage Composition: C 79.56%; H 6.16%; N 14.27%

Physical Description: Pale yellow cryst., becoming green in moist air

>>Derivative: Hydrochloride (1:4)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 333-334°

>>Derivative: *N,N',N'',N'''*-Tetra-Ac

CAS Registry Number: 78525-35-6

Molecular Formula: C₃₄H₃₂N₄O₄

Molecular Weight: 560.651

Accurate Mass: 560.242356

Percentage Composition: C 72.84%; H 5.75%; N 9.99%; O 11.41%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 320°

>>Derivative: *N*-Octa-Me

CAS Registry Number: 1261-86-5

Extra CAS Registry Numbers(s): 187345-57-9

Molecular Formula: C₃₄H₄₀N₄

Molecular Weight: 504.717

Accurate Mass: 504.325296

Percentage Composition: C 80.91%; H 7.99%; N 11.10%

Physical Description: Yellow cryst.

Melting Point: Mp 282-283°. Mp 292°

References:

- Gorvin, J.H., *J.C.S.*, 1959, 678-682, (*synth, N-tetra-Ac*)
Smith, W.B., *Org. Magn. Reson.*, 1981, **15**, 317-318, (*pmr, cmr*)
Makioka, Y. *et al.*, *J.O.C.*, 1996, **61**, 372-375, (*N-octa-Me, synth, pmr, cmr*)
Näther, C. *et al.*, *Acta Cryst. C*, 1997, **53**, 231-234, (*N-octa-Me, cryst struct*)
Hünig, S. *et al.*, *Chem. Eur. J.*, 2000, **6**, 2618-2632, (*N-octa-Me, synth, pmr, cmr, cryst struct*)