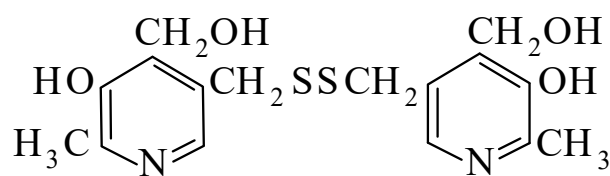




>>Entry Name: **Pyritinol**, BAN, INN

Synonym(s): 3,3'-(Dithiodimethylene)bis[5-hydroxy-6-methyl-4-pyridinemethanol], 9Cl. Pyrithioxin. **Pyritioxine**, JAN. Bonifen. Cervitalin. Encebrovit. Encerebron



CAS Registry Number: 1098-97-1

Molecular Formula: C₁₆H₂₀N₂O₄S₂

Molecular Weight: 368.477

Accurate Mass: 368.086448

Percentage Composition: C 52.15%; H 5.47%; N 7.60%; O 17.37%; S 17.40%

Use/Importance: Sedative, promotes glucose transfer across blood/brain barrier. Reported to improve memory and cognitive functions. Low acute toxicity

Melting Point: Mp 218-220°

Calculated Log P Data: Log P 1.48 (uncertain value) (calc)

Sigma: P7171

>>**Derivative:** Hydrochloride (1:2)

Synonym(s): **Pyritioxine hydrochloride**, JAN. Encephabol. Enerbol

CAS Registry Number: 10049-83-9

Melting Point: Mp 184°

Sigma: P5156

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