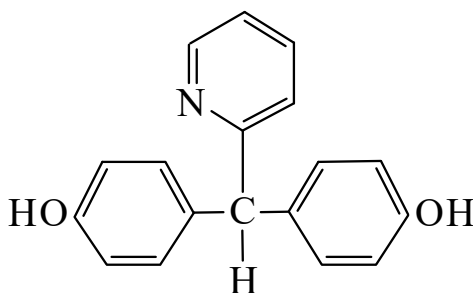




>>Entry Name: Bis(4-hydroxyphenyl)(2-pyridinyl)methane

Synonym(s): 4,4'-(2-Pyridinylmethylene)bisphenol, 9Cl. 4,4'-(Pyridylmethylene)diphenol, 8Cl



Related CAS Registry Numbers(s): 36175-05-0

Molecular Formula: C₁₈H₁₅NO₂

Molecular Weight: 277.322

Accurate Mass: 277.110279

Percentage Composition: C 77.96%; H 5.45%; N 5.05%; O 11.54%

Use/Importance: Parent substance of several substances used as laxatives

Melting Point: Mp 248-250°

>>Derivative: Bis(hydrogen sulfate) ester

CAS Registry Number: 10040-34-3

Molecular Formula: C₁₈H₁₅NO₈S₂

Molecular Weight: 437.45

Accurate Mass: 437.023909

Percentage Composition: C 49.42%; H 3.46%; N 3.20%; O 29.26%; S 14.66%

Use/Importance: Laxative, cathartic

>>Derivative: Bis(hydrogen sulfate) ester, di-Na salt

Synonym(s): Sodium picosulfate, INN. Sodium picosulphate, BAN. Laxoberal. Picosulfol. Many other names

CAS Registry Number: 10040-45-6

Melting Point: Mp 272-275 dec.°

Solubility: V. sol. H₂O, sl. sol. EtOH

Hazard & Toxicity: LD₅₀ (rat, orl) 17000 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Bis(dihydrogen phosphate) ester

Synonym(s): Picofosforic acid

CAS Registry Number: 36175-06-1

Molecular Formula: C₁₈H₁₇NO₈P₂

Molecular Weight: 437.282

Accurate Mass: 437.042943

Percentage Composition: C 49.44%; H 3.92%; N 3.20%; O 29.27%; P 14.17%

Use/Importance: Laxative

Melting Point: Mp 250 grad. dec.°

>>Derivative: Bis(dihydrogen phosphate) ester, tetra-Na salt

Synonym(s): Sodium picofosfate, INN, JAN

CAS Registry Number: 36175-05-0

Use/Importance: Laxative

Development Status: Never marketed

References:

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