



Accurate Mass: 804.22068
Percentage Composition: C 71.64%; H 4.51%; O 23.86%
Melting Point: Mp 258°
Other Data: *Meso*-

>>>**Derivative:** 6-*O*-(4-Hydroxy-*Z*-cinnamoyl)
Synonym(s): 6-*O*-*cis-p*-Coumaroyl-*myo*-inositol

Molecular Formula: C₁₅H₁₈O₈
Molecular Weight: 326.302
Accurate Mass: 326.10017
Percentage Composition: C 55.21%; H 5.56%; O 39.23%

Physical Description: Amorph. powder

>>>**Derivative:** Hexakis(3-pyridinecarbonyl)
Synonym(s): Inositol nicotinate, BAN, INN. Inositol niacinate, USAN. Inositol hexanicotinate, JAN. Hexanicotinoylinositol. Hexopal. Linodil. Lipoflavonoid. Mesonex. Palohex. NSC 49506. Win 9154. Many other names

CAS Registry Number: 6556-11-2

Molecular Formula: C₄₂H₃₀N₆O₁₂
Molecular Weight: 810.732
Accurate Mass: 810.192174
Percentage Composition: C 62.22%; H 3.73%; N 10.37%; O 23.68%
Biological Use/Importance: Peripheral vasodilator, antilipidaemic agent
Melting Point: Mp 254-255°
Calculated Log P Data: Log P 1.77 (calc)
Other Data: *Meso*-
Hazard & Toxicity: LD₅₀ (rat, scu) 1180 mg/kg

Aldrich: I-667-9
Rare Chemicals Library: S41308-9
Sigma: I2259

>>>**Derivative:** 1,2-*O*-Isopropylidene
Synonym(s): 1,2-*O*-Isopropylidene-*myo*-inositol

CAS Registry Number: 26276-97-1

Molecular Formula: C₉H₁₆O₆
Molecular Weight: 220.222
Accurate Mass: 220.09469
Percentage Composition: C 49.09%; H 7.32%; O 43.59%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 182-184°
Other Data: *Meso*-

>>>**Derivative:** 1,2:3,4-Di-*O*-isopropylidene
Synonym(s): 1,2:3,4-Di-*O*-isopropylidene-*myo*-inositol

CAS Registry Number: 115116-20-6

Molecular Formula: C₁₂H₂₀O₆
Molecular Weight: 260.286
Accurate Mass: 260.12599
Percentage Composition: C 55.37%; H 7.74%; O 36.88%
Physical Description: Solid (petrol/EtOAc)
Melting Point: Mp 150-152°
Other Data: Chiral compd.; props. refer to racemate

>>>**Derivative:** 1,2:3,4-Di-*O*-isopropylidene, di-Ac
Synonym(s): 4,5-Di-*O*-acetyl-1,2:3,6-di-*O*-isopropylidene-*myo*-inositol

CAS Registry Number: 115116-25-1