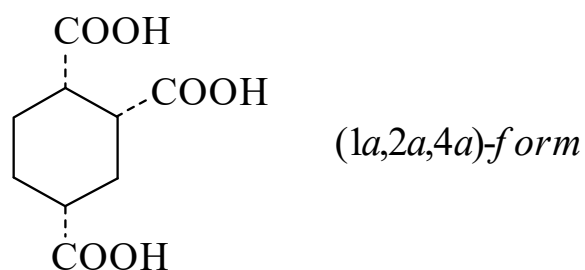




>>Entry Name: 1,2,4-Cyclohexanetricarboxylic acid



CAS Registry Number: 23084-86-8

Related CAS Registry Numbers(s): 21793-92-0 21793-93-1 21794-05-8 21794-06-9 76784-85-5 76784-86-6 76784-87-7 76784-88-8

Molecular Formula: C₉H₁₂O₆

Molecular Weight: 216.19

Accurate Mass: 216.06339

Percentage Composition: C 50.00%; H 5.59%; O 44.40%

General Statement: One isomer of known config. characterised; all four possible isomers have been characterised as their tri-Me esters

>>Variant: (1 α ,2 α ,4 α)-form

CAS Registry Number: 76784-95-7

Molecular Formula: C₉H₁₂O₆

Molecular Weight: 216.19

Accurate Mass: 216.06339

Percentage Composition: C 50.00%; H 5.59%; O 44.40%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 168-172°. Mp 225°

>>Derivative: Tri-Et ester

CAS Registry Number: 28084-34-6

Molecular Formula: C₁₅H₂₄O₆

Molecular Weight: 300.351

Accurate Mass: 300.15729

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Melting Point: Mp 36-37°

References:

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Isoda, S. *et al.*, *Chem. Pharm. Bull.*, 1980, **28**, 2337

Nielsen, A.T. *et al.*, *J.O.C.*, 1987, **52**, 1656