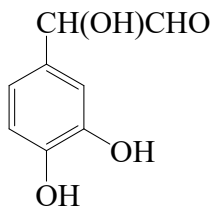




>>Entry Name: α ,3,4-Trihydroxyphenylacetaldehyde

Synonym(s): α ,3,4-Trihydroxybenzeneacetaldehyde, 9Cl. 3,4-Dihydroxyphenylglycolaldehyde. DOPEGAL



CAS Registry Number: 13023-73-9

Related CAS Registry Numbers(s): 52819-70-2

Molecular Formula: $C_8H_8O_4$

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Present in post-mortem human brain

Metabolism: Metab. of Norepinephrine [BLS56-O](#)

Other Data: Enantiomers not well documented

>>Variant: ($\pm$)-form

Molecular Formula: $C_8H_8O_4$

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Physical Description: Solid

Melting Point: Mp 105-107°

References:

Duncan, R.J.S., *Can. J. Biochem.*, 1975, **53**, 920-922, (*biosynth*)

Burke, W.J. *et al.*, *Anal. Biochem.*, 1989, **180**, 79-84, (*biosynth*)

Li, S.W. *et al.*, *Bioorg. Chem.*, 1994, **22**, 337-342; 1996, **24**, 169-177, (*synth, pmr, uv, ir*)