



>>Entry Name: 3,4-Bis(bromomethyl)benzoic acid

CAS Registry Number: 20896-24-6

Related CAS Registry Numbers(s): 66126-17-8

Molecular Formula: $C_9H_8Br_2O_2$

Molecular Weight: 307.969

Accurate Mass: 305.929102

Percentage Composition: C 35.10%; H 2.62%; Br 51.89%; O 10.39%

Physical Description: Cryst.

Melting Point: Mp 170-177°

>>Derivative: Me ester

CAS Registry Number: 20896-23-5

Molecular Formula: $C_{10}H_{10}Br_2O_2$

Molecular Weight: 321.996

Accurate Mass: 319.944752

Percentage Composition: C 37.30%; H 3.13%; Br 49.63%; O 9.94%

Physical Description: Cryst. (petrol)

Melting Point: Mp 74.5-75°

>>Derivative: Et ester

CAS Registry Number: 148342-90-9

Molecular Formula: $C_{11}H_{12}Br_2O_2$

Molecular Weight: 336.023

Accurate Mass: 333.960402

Percentage Composition: C 39.32%; H 3.60%; Br 47.56%; O 9.52%

Physical Description: Cryst. (hexane)

Melting Point: Mp 75-76°

References:

Wynberg, H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1968, **87**, 1006, (*synth, Me ester, uv, ir, pmr*)

Rogers, G.A., *Anal. Biochem.*, 1977, **78**, 406

Moreno-Manas, M. *et al.*, *Synth. Commun.*, 1993, **23**, 601, (*Et ester, synth, ir, pmr*)