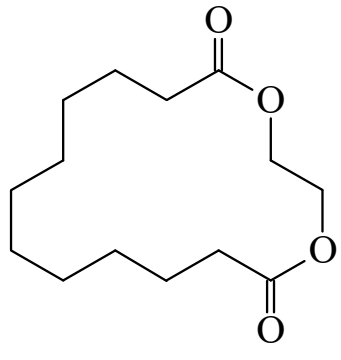
>>**Entry Name: 1,4-Dioxacyclohexadecane-5,16-dione,** 9CI
Synonym(s): Dodecanedioic acid ethylene ester. Arova 16



CAS Registry Number: 54982-83-1

Molecular Formula: $C_{14}H_{24}O_4$
Molecular Weight: 256.341
Accurate Mass: 256.16746
Percentage Composition: C 65.60%; H 9.44%; O 24.97%
Use/Importance: Synthetic musk used in perfumery
Melting Point: Mp 18°
Boiling Point: Bp_{21} 139-141°
Refractive Index: n_D^{40} 1.4588

Rare Chemicals Library: S70344-3

References:

Ger. Pat., 1975, 2 547 267, *(synth)*
Bersuker, I.B. *et al.*, *New J. Chem.*, 1991, **15**, 307, *(struct)*
Zakharkin, L.I. *et al.*, *Zh. Org. Khim.*, 1993, **29**, 137-141; *Russ. J. Org. Chem. (Engl. Transl.)*, 1993, **29**, 115-118, *(synth)*