



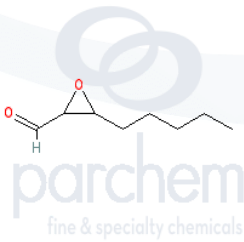
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Typical Product Specifications & Properties

2,3-epoxyoctanal

CAS Number: : 42134-50-9

Specifications	Limits
Appearance	colorless to pale yellow clear liquid
Specific gravity	0.93600 to 0.94600 @ 20.00 °C
Pounds/Gallon	7.798 to 7.881
Refractive Index	1.43200 to 1.44200 @ 20.00 °C
Vapor Pressure	0.286000 mm/Hg @ 25.00 °C
Odor Type	citrus
Boiling Point	202.00 to 204.00 °C. @ 760.00 mm Hg
logP (o/w)	1.38
Assay	95.00 to 100.00 %
Flash Point	149.00 °F.TCC
Odor	citrus fatty
Chemical Structure	 The chemical structure of 2,3-epoxyoctanal is shown. It consists of an eight-carbon chain. At the first carbon (C1), there is an aldehyde group (-CHO). At the second and third carbons (C2 and C3), there is an epoxide ring (a three-membered ring with an oxygen atom). The remaining five carbons (C4 to C8) form a straight alkyl chain. The structure is overlaid with the Parchem logo and text.



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