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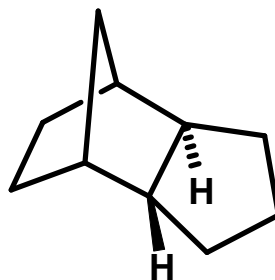
Product Specifications

exo-Tetrahydrodicyclopentadiene

CAS 2825-82-3

Syn: exo-Tricyclo[5.2.1.0^{2,6}]decane; exo-3,4-8,9-Tetrahydrodicyclo-pentadiene; exo-5,6-Trimethylenenorbornane; exo-Octahydro-4,7-methano-1H-indane

Structure:



Mol. Formula
Source

C₁₀H₁₆
Synthetic

Mol. Wt.

136.26

<i>Test</i>	<i>Specification</i>
Identity	IR
Appearance	Clear, Pale-yellow liquid
Color (D-156)	+ 25 (Saybolt)
Bp	185 °C/ 760 mm Hg [Lit.] 70-79 °C/ 20 mm Hg
Assay (D-2306)	≥ 98.5 %
Other Hydrocarbons	< 1.5%
d_{20 °C} (D-4052)	0.935-0.943
RI, η_D^{20 °C}	1.487-1.489
Fp (D-93)	55 °C

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
Moisture (K-F)	≤ 0.05%
μ (D-445)	< 40 cSt/ -54 °C
	< 10 cSt/ -18 °C
ΔH_{Combustion} (D-240/2382)	> 18,100 BTU/lb
	> 141,500 BTU/Gal
Gum/ Resin Content (D-381)	< 5 mg/100 mL
Particulate Matter (D-2276)	< 1 mg/L

Caution! Flammable liquid. Handle accordingly.

Storage: Maintain in cool, dry containment.