

Styrene Monomer TDS

Preferred IUPAC name Phenylethane

Identifiers

Chemical formula	C ₈ H ₈
CAS Number	100-42-5
EC Number	202-851-5
Pubchem	CID 7220
ChemSpider ID	7220
UNII	44LJ2U959V
KEGG	C07083
CHEBI	27452
CHEMBL	285235
RTECS	WL3675000
SMILES	C=Cc1ccccc1

Physical & Chemical Properties

Appearance	Colorless oily liquid
Molecular mass	104.15 gr/mol
Density	0.909 g/cm ³
Melting point	-30.6 °C (-22 °F; 243 K)
Boiling point	145.2 °C (293 °F; 418 K)
Solubility in water	0.03% (20 °C)
Refractive index	1.5164
Viscosity	0.762 cP at 20 °C

Structure

Bipolar moment	0.13D
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