

Allyl Hexafluoroisopropanol (Allyl-HFIP)

CAS No. 646-97-9

Allyl hexafluoroisopropanol (Allyl-HFIP) has been used as a building block in organic synthesis, especially in the preparation of specialty polymers.

Specifications

Assay by Gas Chromatography	99.0% minimum
Hexafluoroacetone	0.1% maximum
Propylene	0.1% maximum
Water	0.1% maximum
Appearance	Water white liquid
Color, APHA	20 maximum

Physical Properties

Chemical Formula:	$\text{CH}_2=\text{CHCH}_2\text{C}(\text{CF}_3)_2\text{OH}$
Mol. Wt.:	208
Boiling Pt.:	98-99 °C
Density:	1.3 g/mL at 25 °C
Appearance:	Water white clear liquid

Packaging

Contact Customer Service

Typical chemistry and uses

Allyl hexafluoroisopropanol (Allyl-HFIP) has been used as a monomer, or a precursor to manufacture monomers for use in the preparation of specialty polymers. An example is shown below.

Acetal group containing norbornene copolymer for photoresist, method for producing the same and photoresist composition containing the same

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