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Product Specifications

Catalogue Number	45679
Product	1-Ethynyl-4-(trifluoromethyl)benzene 4-Ethynylbenzotrifluoride 4-Ethynyl- α,α,α -trifluorotoluene
CAS Number	705-31-7
Molecular Formula	C ₉ H ₅ F ₃
Molecular Weight	170.13

Warnings	<i>Light Sensitive! Heat Sensitive!</i>
Synonym 3	[4-(Trifluoromethyl)phenyl]acetylene
Appearance	Colorless to light yellow to light orange clear liquid
Boiling point	60 °C/30 mmHg
Flash Point	20 °C
Density	1.19
Refractive Index	n_D^{20} 1.46
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at 2 - 8 °C
Additional Information	$\lambda_{max} = 249(\text{EtOH})$ nm

For Laboratory Use Only