Hexadecyltributylphosphonium bromide c28h60brp structure

Contents

Molecular Formula	$C_{28}H_{60}BrP$
Average mass	507. 654 Da
Density	
Boiling Point	
Flash Point	
Molar Refractivity	
Polarizability	
Surface Tension	
Molar Volume	

- Experimental data
- Predicted – ACD/Labs
- Predicted – ChemAxon
- Experimental Physico-chemical Properties

Experimental Melting Point:

61 °CTCIH1047

57-60 °CAlfa Aesar

57-60 °CAlfa AesarL01335

57-60 °CMerck Millipore2216,

818075

56-62 °CAlfa AesarL01335

56-58 °CSynQuest5176-1-01

56-58

°CLabNetworkLN00185282

- Predicted Physico-chemical Properties

  - **Predicted Melting Point:**

    61 °CTCI

    61

    °CTCIH1047

- Miscellaneous

  - **Safety:**

    26Alfa AesarL01335

    26-37Alfa AesarL01335

36/37/38Alfa AesarL01335

GHS07BiosynthW-108087

H315; H319; H335BiosynthW-108087

H315-H319-H335Alfa AesarL01335

IRRITANTAlfa AesarL01335

IRRITANTMatrix Scientific086074

IrritantSynQuest5176-1-01

P261; P305+P351+P338BiosynthW-108087

P261-P280-P305+P351+P338-P304+P340-P405-P501aAlfa AesarL01335

R36/37/38SynQuest5176-1-01

S22, S24/25, S26, S36/37/39, S45SynQuest5176-1-01

WarningAlfa AesarL01335

WarningBiosynthW-108087

WARNING: Irritates lungs, eyes, skinAlfa AesarL01335

XiAbblis ChemicalsAB1010997

Predicted data is generated using the ACD/Labs Percepta Platform – PhysChem Module

No predicted properties have been calculated for this compound.

Density:

Boiling Point:

Vapour Pressure:

Enthalpy of Vaporization:

Flash Point:

Index of Refraction:

Molar Refractivity:

#H bond acceptors:

#H bond donors:

#Freely Rotating Bonds:

#Rule of 5 Violations:

ACD/LogP:

ACD/LogD (pH 5. 5):

ACD/BCF (pH 5. 5):

ACD/KOC (pH 5. 5):

ACD/LogD (pH 7. 4):

ACD/BCF (pH 7. 4):

ACD/KOC (pH 7. 4):

Polar Surface Area:

Polarizability:

Surface Tension:

Molar Volume:

Click to predict properties on the Chemicalize site