

# [Hexadecyltributylphosphonium bromide c28h60brp structure](https://assignbuster.com/hexadecyltributylphosphonium-bromide-c28h60brp-structure/)

Contents

* Safety:

|  |  |
| --- | --- |
| 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