

# [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