

# [Sodium 1-octanesulfonate c8h17nao3s structure](https://assignbuster.com/sodium-1-octanesulfonate-c8h17nao3s-structure/)

Contents

* Safety:

|  |  |
| --- | --- |
| Molecular Formula  | C 8 H 17 NaO 3 S  |
| Average mass  | 216. 273 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:

|  |
| --- |
| 300 °COakwood[009637]  |
| 300 °CAlfa AesarA14292  |
| 300 °COakwood[009637]  |
| 300 °CLabNetworkLN00189149  |

* Miscellaneous

## Appearance:

|  |
| --- |
| White PowderNovochemy[NC-44330]  |

## Safety:

|  |
| --- |
| 20/21/22Novochemy[NC-44330]  |
| 20/21/36/37/39Novochemy[NC-44330]  |
| GHS07; GHS09Novochemy[NC-44330]  |
| H332; H403Novochemy[NC-44330]  |
| IRRITANTMatrix Scientific091211  |
| P102; P210; P262; P270; P302+P352; P308+P313Novochemy[NC-44330]  |
| R52/347Novochemy[NC-44330]  |
| WarningNovochemy[NC-44330]  |

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