

# [Pyrantel pamoate c
34
h
30
n
2
o
6
s structure](https://assignbuster.com/pyrantel-pamoate-cn34nhn30nnn2non6ns-structure/)

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* Bio Activity:

|  |  |
| --- | --- |
| Molecular Formula  | C 34 H 30 N 2 O 6 S  |
| Average mass  | 594. 677 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:

|  |
| --- |
| 266-267 °CLKT Labs[P9668]  |
| 250 °C (Decomposes)LabNetworkLN01302173  |

## Experimental Solubility:

|  |
| --- |
| 10Mm in DMSOMedChem Expresshttp://www. medchemexpress. com/Diethylcarbamazine-citrate. html, HY-12640  |
| DMSO:> 10 mg/ml; water: 5 mg/mlMedChem ExpressHY-12640  |
| Insoluble in water. LKT Labs[P9668]  |

* Miscellaneous

## Safety:

|  |
| --- |
| NoneLKT Labs[P9668]  |

## Target Organs:

|  |
| --- |
| AntiparasiticTargetMolT1259  |

## Compound Source:

|  |
| --- |
| syntheticMicrosource[01500517]  |

## Bio Activity:

|  |
| --- |
| Anti-infectionMedChem ExpressHY-12640  |
| Anti-infection; MedChem ExpressHY-12640  |
| AntiparasiticMedChem ExpressHY-12640  |
| AntiparasiticTargetMolT1259  |
| Microbiology & VirologyTargetMolT1259  |
| Pyrantel pamoate is a deworming agent in the treatment of hookworms (all species) and roundworms in domesticated animal; acts as a depolarizing neuromuscular blocking agent. MedChem Expresshttp://www. medchemexpress. com/Diethylcarbamazine-citrate. html, HY-12640  |

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

No predicted properties have been calculated for this compound.