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Company Registration No. 642982



DATASHEET

Curvularin

Product overview

| | |
|--------------------|---|
| Name | Curvularin |
| Cat No | HB3853 |
| Purity | >95% |
| Description | iNOS inhibitor with many biological actions |

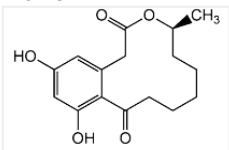
Biological Data

| | |
|-------------------------------|---|
| Biological description | Antibiotic. Antiprotozoal. Antifungal and phytotoxic compound. Anti-inflammatory. TGF-beta signaling inhibitor. Inhibits expression of inducible nitric oxide synthase (iNOS; NOSII). Cell division inhibitor. Acetylcholinesterase (AChE) inhibitor. |
|-------------------------------|---|

Solubility & Handling

| | |
|-----------------------------|--|
| Storage instructions | +4 °C |
| Storage of solutions | Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use. |
| Shipping Conditions | Stable for ambient temperature shipping. Follow storage instructions on receipt. |
| Important | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

Chemical Data

| | |
|---------------------------|---|
| Molecular Weight | 292.3 |
| Chemical structure |  |
| CAS Number | 10140-70-2 |
| PubChem identifier | 0 |
| SMILES | <chem>CC1CCCCC(=O)c2c(O)cc(O)cc2CC(=O)O1</chem> |
| InChiKey | VDUIGYAPXGJFC-JTQLQIEISA-N |
| Appearance | Off-white solid |