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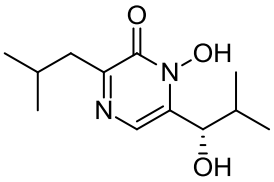
PRODUCT DATA SHEET

# Neohydroxyaspergillic acid

Code No.: **BIA-N1641**

Pack sizes: **1 mg, 5 mg**




Synonyms :

## Specifications

| | | |
|---|---|---|
| CAS # | : | **72598-34-6** |
| Molecular Formula | : | **$C_{12}H_{20}N_2O_3$** |
| Molecular Weight | : | **240.3** |
| Source | : | ***Aspergillus* sp.** |
| Appearance | : | **Yellow solid** |
| Purity | : | **>95% by HPLC** |
| Long Term Storage | : | **-20°C** |
| Solubility | : | **Soluble in ethanol, methanol, DMF or DMSO.** |

## Application Notes

Neohydroxyaspergillic acid is small polar metabolite found in Aspergillus subgenus Circumdati first observed by Weiss and co-workers in 1958. Structurally, neohydroxyaspergillic acid is part of the aspergillic acid class, analogues of which are broadly distributed throughout the genus Aspergillus. Neohydroxyaspergillic acid exhibits antibacterial and antiviral activity and, more recently, was shown to have antiprotozoan activity.

## References


1. Antibiotic compounds with action against bacterial viruses: Neohydroxyaspergillic acid. Weiss U. et al., Arch. Biochem. Biophys. 1958, 74, 150.
2. Metabolites of Aspergillus sclerotiorum Huber. Micetich R.G. and Macdonald J.C., J. Chem. Soc. 1964, 1507.
3. Antibiotic activity of neohydroxyaspergillic acid. Macdonald J.C., Can. J. Chem. 1964, 10, 90.
4. Kumbicins A–D: bis-indolyl benzenoids and benzoquinones from an Australian soil fungus, Aspergillus kumbius. Lacey H.J. et al., Aust. J. Chem. 2016, 69, 152.





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