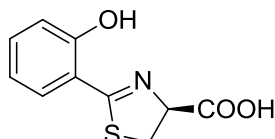


## Dihydroaeruginoic acid

Code No.: **BIA-D1392**

Pack sizes: **5 mg, 25 mg**



Synonyms :

### Specifications

CAS #	: 143209-04-5
Molecular Formula	: C <sub>10</sub> H <sub>9</sub> NO <sub>3</sub> S
Molecular Weight	: 223.3
Source	: <i>Pseudomonas aeruginosa</i>
Appearance	: Yellow to tan solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

### Application Notes

Dihydroaeruginoic acid is a simple aromatic siderophore produced by several species of *Pseudomonas*. Dihydroaeruginoic acid exhibits antibacterial, antifungal and antitumor activity.

### References

1. (+)-(S)-dihydroaeruginoic acid, an inhibitor of *Septoria tritici* and other phytopathogenic fungi and bacteria, produced by *Pseudomonas fluorescens*. Carmi R. et al. *J. Nat. Prod.* 1994, 57, 1200.
2. In vitro antiproliferative activity of 2'-(2-hydroxyphenyl)-2'-thiazoline-4'-carboxylic acid and its methyl ester on L1210 and P388 murine neoplasms. Elliot G.T. et al. *Cancer Chemother. Pharmacol.* 1988, 21, 233.

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