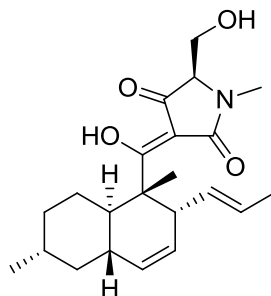


Epiequisetin

Code No.: **BIA-E1434**

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



Synonyms : 5'-Epiequisetin

Specifications

CAS #	: 255377-45-8
Molecular Formula	: C ₂₂ H ₃₁ NO ₄
Molecular Weight	: 373.5
Source	: <i>Fusarium equiseti</i>
Appearance	: Light tan to tan solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Epiequisetin is a minor isomer of equisetin, a potent inhibitor of HIV-integrase produced by a number of species of *Fusarium*. Chemically, equisetin equilibrates with epiequisetin. Although found to have comparable phytotoxicity to equisetin, epiequisetin has not been extensively investigated.

References

1. Phytotoxicity of equisetin and *epi*-equisetin isolated from *Fusarium equiseti* and *F. Pallidroseum*. Wheeler M.H. et al. *Mycological Research* 1999, 103, 967.
2. Characterization of the *Fusarium* toxin equisetin: The use of phenylboronates in structure assignment. Phillips N.J. et al. *J. Am. Chem. Soc.* 1989, 111, 8223.

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