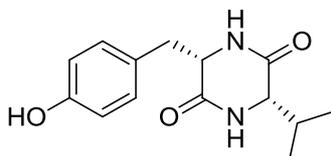


Cyclo(L-Tyr-L-Val)

Code No.: **BIA-C1708**

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



Synonyms : Cyclic diketopiperazine-L-valyl-L-tyrosine; Cyclo(Val-Tyr)

Specifications

| | |
|-------------------|---|
| CAS # | : 21754-25-6 |
| Molecular Formula | : C ₁₄ H ₁₈ N ₂ O ₃ |
| Molecular Weight | : 262.3 |
| Source | : <i>Nocardopsis</i> sp. |
| Appearance | : White solid |
| Purity | : >95% by HPLC |
| Long Term Storage | : -20°C |
| Solubility | : Soluble in ethanol, methanol, DMF or DMSO. |

Application Notes

Cyclo(L-Tyr-L-Val) is a diketopiperazine metabolite isolated from the marine actinomycete, *Nocardopsis gilva* in 2013. Cyclo(L-Tyr-L-Val) was reported as inactive as an antioxidant, antitumor or antifungal agent. No other reports of its biological activity have been published, however like other diketopiperazines, cyclo(L-Tyr-L-Val) appears in several recent patents together with a number of other analogues with broad therapeutic claims.

References

1. Isolation and characterization of new p-terphenyls with antifungal, antibacterial, and antioxidant activities from halophilic actinomycete *Nocardopsis gilva* YIM 90087. Tian S-Z et al., J. Agric. Food Chem. 2013, 61, 3006.