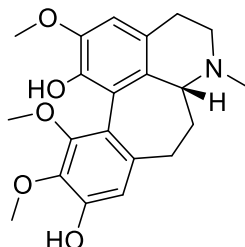


## Floramultine

Code No.: **BIA-F1944**

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



Synonyms : Bechuanin, Merenderine, S-(+)-Bechuanine, S-(+)-Floramultine

## Specifications

CAS #	: 1354-66-1
Molecular Formula	: C <sub>21</sub> H <sub>25</sub> NO <sub>5</sub>
Molecular Weight	: 371.43
Source	: <i>Tripladenia cunninghamii</i>
Appearance	: Tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

## Application Notes

Floramultine was first isolated from *Kreysigia multiflora*, a member of the Liliaceae family, in 1960 by Badger and Bradbury, University of Adelaide, Australia. The absolute configuration of (-)-floramultine was later published by Lamberton and colleagues at the CSIRO, Australia. Floramultine and its analogue kreysiginine are biosynthesised in *Kreysigia multiflora* shoots treated with autumnaline in vivo by direct coupling. Little is known of the biological activity of floramultine due to its lack of availability.

## References

1. Alkaloids of *Kreysigia multiflora*. I. Isolation. Badger G.M. & Bradbury R.B. J Chem Soc. 1960, 445.
2. The absolute configuration of (-)-floramultine, an alkaloid from *Kreysigia multiflora*. Beecham A.F. et al. Aust J Chem. 1968, 21, 2829.
3. Biosynthesis of homoaporphines. Battersby A.L. et al. J Chem Soc. 1969, 18, 1066.