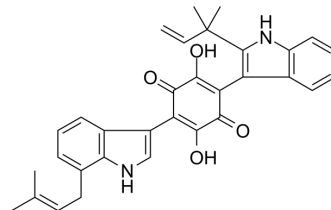


Demethylasterriquinone B1

Cat. No.:	HY-107586
CAS No.:	78860-34-1
Molecular Formula:	C ₃₂ H ₃₀ N ₂ O ₄
Molecular Weight:	506.59
Target:	Insulin Receptor; Akt
Pathway:	Protein Tyrosine Kinase/RTK; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Demethylasterriquinone B1 is a selective insulin receptor activator. Demethylasterriquinone B1 stimulates tyrosine phosphorylation of the IR β subunit, and the activation of PIK3 and AKT^[1].

REFERENCES

[1]. Li M, et al. Small molecule insulin receptor activators potentiate insulin action in insulin-resistant cells. *Diabetes*. 2001;50(10):2323-2328.

Caution: Product has not been fully validated for medical applications. For research use only.

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