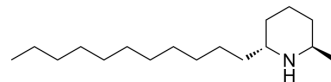


Solenopsin

Cat. No.:	HY-16461
CAS No.:	137038-57-4
Molecular Formula:	C ₁₇ H ₃₅ N
Molecular Weight:	253.47
Target:	Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Solenopsin ((-)-Solenopsin A) is an ATP-competitive AKT inhibitor with IC ₅₀ value of 10 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 10 μM ^[1] .

REFERENCES

[1]. Arbiser JL, et al. Solenopsin, the alkaloidal component of the fire ant (*Solenopsis invicta*), is a naturally occurring inhibitor of phosphatidylinositol-3-kinase signaling and angiogenesis. *Blood*. 2007 Jan 15;109(2):560-5. Epub 2006 Sep 21.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA