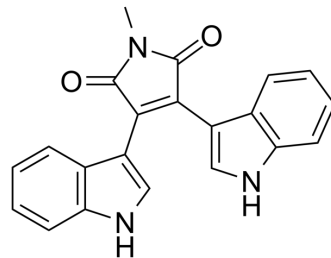


Bisindolylmaleimide V

Cat. No.:	HY-112400		
CAS No.:	113963-68-1		
Molecular Formula:	C ₂₁ H ₁₅ N ₃ O ₂		
Molecular Weight:	341.36		
Target:	Ribosomal S6 Kinase (RSK)		
Pathway:	MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Bisindolylmaleimide V is a cell-permeable negative control for protein kinase C inhibition studies with an IC₅₀ value over 100 μM^[1]. Bisindolylmaleimide V blocks the activation of mitogen-stimulated protein kinase p70^{S6k}/p85^{S6k} (S6K) in vivo with an IC₅₀ of 8 μM^[2].

REFERENCES

[1]. Lazareno S, et al. Muscarinic interactions of bisindolylmaleimide analogues. *Eur J Pharmacol.* 1998 Nov 6;360(2-3):281-4.

[2]. Marmy-Conus N, et al. Ro 31-6045, the inactive analogue of the protein kinase C inhibitor Ro 31-8220, blocks in vivo activation of p70(s6k)/p85(s6k): implications for the analysis of S6K signalling. *FEBS Lett.* 2002 May 22;519(1-3):135-40.

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