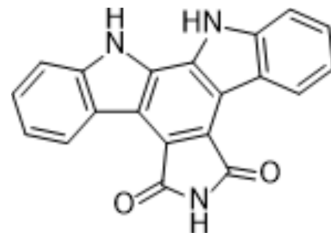


Arcyriaflavin A

Cat. No.:	HY-103382		
CAS No.:	118458-54-1		
Molecular Formula:	C ₂₀ H ₁₁ N ₃ O ₂		
Molecular Weight:	325.32		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Arcyriaflavin A is a fungal metabolite obtained from the fungi, *Nocardioopsis*. Arcyriaflavin A is an inhibitor of CDK4 (IC₅₀ = 140 nM) and CaMKII (IC₅₀ = 25 nM)^{[1][2]}.

REFERENCES

- [1]. Sanchez-Martinez C, et al. Aryl[a]pyrrolo[3,4-c]carbazoles as selective cyclin D1-CDK4 inhibitors. *Bioorg Med Chem Lett*. 2003 Nov 3;13(21):3835-9.
- [2]. P A Horton, et al. Staurosporine aglycone (K252-c) and arcyriaflavin A from the marine ascidian, *Eudistoma* sp. *Experientia*. 1994 Sep 15;50(9):843-5.

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

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