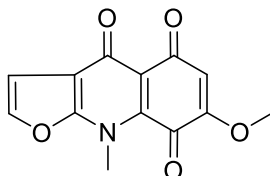


7-Methoxy-9-methylfuro[2,3-b]-quinoline-4,5,8(9H)-trione

Code No.: **BIA-M1955**

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



Synonyms :

Specifications

CAS #	: 859304-28-2
Molecular Formula	: C₁₃H₉NO₅
Molecular Weight	: 259.21
Source	: Semi-synthetic
Appearance	: Red-brown solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

7-Methoxy-9-methylfuro[2,3-b]-quinoline-4,5,8(9H)-trione is a semisynthetic derivative of the quinoline alkaloid acronycidine isolated from the bark of the Australian Rutaceae, *Acronychia bauera* and *Melicope fareana*. To date no biological activity has been published on the compound, however acronycidine (5,7,8-trimethoxydictamnine) is reported to have antimalarial activity.

References

1. Alkaloids of the Australian Rutaceae. The structure and reaction of acronycidine. Lahey F.N. et al. Aust J Sci Res Ser A: Phys Sci. 1950, 3, 155.
2. In vitro activities of furoquinoline and acridone alkaloids against *Plasmodium falciparum*. Basco L.K. et al. Antimicrob Agents Chemother. 1994, 38, 1169.