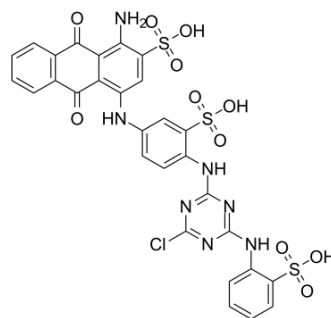


Cibacron Blue 3G-A

Cat. No.:	HY-129042
CAS No.:	84166-13-2
Molecular Formula:	C ₂₉ H ₂₀ ClN ₇ O ₁₁ S ₃
Molecular Weight:	774.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Cibacron Blue 3G-A is an anthraquinone dye , inhibits the R46 β-lactamase with a K _i value of 1.2 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : anthraquinone dye ^[1]
In Vitro	Cibacron Blue 3G-A is a structural analogy between the dye and NADH, it interacts with (di)nucleotide-dependent enzymes and can be a standard tool for studying their active sites ^[2] .

REFERENCES

- [1]. Monaghan C, et al. The interaction of anthraquinone dyes with the plasmid-mediated OXA-2 beta-lactamase. *Biochem J.* 1982 Aug 1;205(2):413-7.
- [2]. Monaghan C, et al. The interaction of anthraquinone dyes with the plasmid-mediated OXA-2 beta-lactamase. *Biochem J.* 1982 Aug 1;205(2):413-7.

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