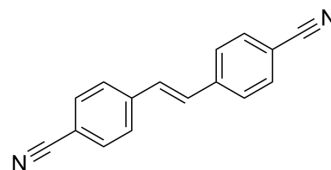


## (E/Z)-4,4'-Dicyanostilbene

Cat. No.:	HY-W112166		
CAS No.:	6292-62-2		
Molecular Formula:	C <sub>16</sub> H <sub>10</sub> N <sub>2</sub>		
Molecular Weight:	230.26		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(E/Z)-4,4'-Dicyanostilbene is the isomer of 4,4'-Dicyanostilbene (HY-W112166A), and can be used as an experimental control. 4,4'-Dicyanostilbene (compound 43) is a potent antimalarial agent against the Dd2 strain, with an EC<sub>50</sub> of 27 nM. 4,4'-Dicyanostilbene exhibits in vivo efficacy against methicillin-resistant *Staphylococcus aureus* (MRSA)<sup>[1]</sup>.

### REFERENCES

[1]. Kyei-Baffour K, et, al. Natural product-inspired aryl isonitriles as a new class of antimalarial compounds against drug-resistant parasites. *Bioorg Med Chem*. 2020 Oct 1;28(19):115678.

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

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