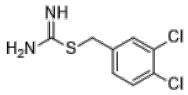
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Data Sheet

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Product Name	:	MreB inhibitor A22
Cat. No.	:	PC-28665
CAS No.	:	22297-13-8
Molecular Formula	:	$C_8H_8Cl_2N_2S$
Molecular Weight	:	235.13
Target	:	Bacterial
Solubility	:	10 mM in DMSO



Biological Activity

MreB inhibitor A22 is a specific small molecule inhibitor of bacterial actin MreB, binds directly to the MreB filament, altering its structure and causing a morphological change of the cell, leading to cell death.

References

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Gitai Z, et al. Cell. 2005;120(3):329-341.

Iwai N, et al. Biosci Biotechnol Biochem. 2002;66(12):2658-2662.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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