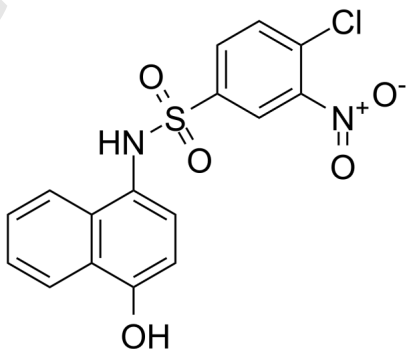


## Certificate of Analysis

Catalog Number	BP14218
Product Name	SW155246

## Physical and Chemical Properties

CAS No.	420092-79-1
Chemical Formula	C <sub>16</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>5</sub> S
Molecular Weight	378.78
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	SW155246 is a potent and selective inhibitor of DNMT1 (DNA methyltransferase 1; IC <sub>50</sub> of 1.2 μM). SW155246 induces re-expression of the tumor suppressor gene RASSF1 in A549 cells.
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Targets&IC50	DNMT1:1.2 $\mu$ M
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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