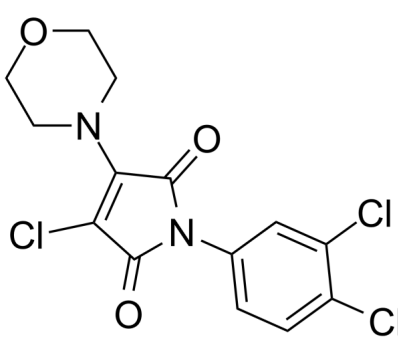


## Certificate of Analysis

Catalog Number	BP13448
Product Name	RI-1

## Physical and Chemical Properties

Synonyms	RI1, RI 1, RAD51 inhibitor 1
CAS No.	415713-60-9
Chemical Formula	C <sub>14</sub> H <sub>11</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight	361.6
Solubility	DMSO: 36.2 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	RI-1 is a RAD51 inhibitor (IC <sub>50</sub> : 5-30 μM).
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Targets&IC50	RAD51:<30 $\mu$ 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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