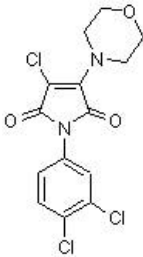


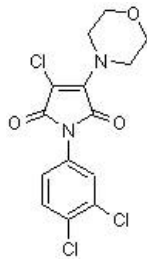
Product datasheet

RI 1, RAD51 inhibitor ab144558

[1 References](#) [1 Image](#)

Overview

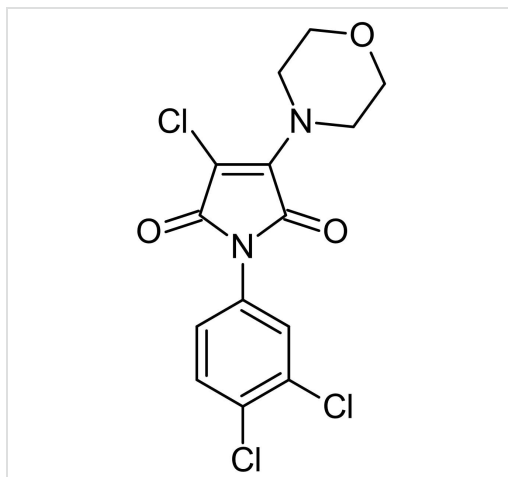
| | |
|-------------------------------|--|
| Product name | RI 1, RAD51 inhibitor |
| Description | RAD51 inhibitor |
| Biological description | RAD51 inhibitor. Inhibits homologous recombination and formation of subnuclear RAD51 foci in cells following DNA damage. Antitumor agent. Active <i>in vitro</i> . |
| Purity | > 99% |
| CAS Number | 415713-60-9 |
| Chemical structure |  |



Properties

| | |
|-----------------------------|--|
| Chemical name | 3-Chloro-1-(3,4-dichlorophenyl)-4-(4-morpholinyl)-1 <i>H</i> -pyrrole-2,5-dione |
| Molecular weight | 361.61 |
| Molecular formula | C ₁₄ H ₁₁ Cl ₃ N ₂ O ₃ |
| PubChem identifier | 1074953 |
| Storage instructions | Store at +4°C. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in DMSO to 100 mM |
| Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details. |
| SMILES | <chem>Clc1ccc(cc1Cl)N3C(=O)C(N2CCOCC2)=C(Cl)C3=O</chem> |

Images



Chemical Structure - RI 1, RAD51 inhibitor
(ab144558)

2D chemical structure image of ab144558, RI 1, RAD51 inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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