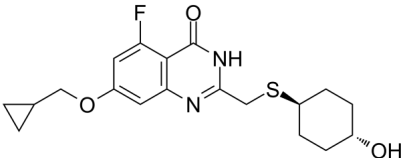


Certificate of Analysis

| | |
|----------------|-----------|
| Catalog Number | BP14152 |
| Product Name | RBN012759 |

Physical and Chemical Properties

| | |
|--|--|
| CAS No. | 2360851-29-0 |
| Chemical Formula | C ₁₉ H ₂₃ FN ₂ O ₃ S |
| Molecular Weight | 378.46 |
| Solubility | DMSO: 10 mM |
| Storage | Powder: -20°C for 2 years In solvent: -80°C for 1 year |
| Chemical Structure OR Tested Image |  |

Product Information

| | |
|-------------|---|
| Description | RBN012759, a potent and selective PARP14 inhibitor, decreases pro-tumor macrophage function and elicits inflammatory responses in tumor explants. |
|-------------|---|

| | |
|--------------|---|
| Targets&IC50 | PARP5b:10 μ M (IC50), PARP11:1 μ M (IC50), PARP6:4 μ M (IC50), PARP14:<3 nM (IC50), PARP12:5 μ M (IC50), PARP16:6 μ M (IC50), PARP15:3 μ M (IC50), PARP5a:8 μ M (IC50), PARP10:1 μ M (IC50), PARP7:4 μ M (IC50), PARP4:10 μ M (IC50), PARP8:20 μ M (IC50) |
|--------------|---|

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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