


Certificate of Analysis

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| Catalog Number | BP15167 |
| Product Name | Olsalazine disodium |

Physical and Chemical Properties

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| Synonyms | Olsalazine Sodium, Dipentum |
| CAS No. | 6054-98-4 |
| Chemical Formula | C ₁₄ H ₈ N ₂ Na ₂ O ₆ |
| Molecular Weight | 346.206 |
| Solubility | H ₂ O: 38 mg/mL (109.8 mM) DMSO: 4 mg/mL (11.55 mM); Ethanol: <1 mg/mL |
| Storage | Powder: -20°C for 2 years In solvent: -80°C for 1 year |
| Chemical Structure OR Tested Image |  |

Product Information

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| Description | Olsalazine sodium is bioconverted to 5-aminosalicylic acid (5-ASA) in the colon and has anti-inflammatory activity in ulcerative colitis. |
| Targets&IC50 | human intestinal macrophages chemotaxis to LTB ₄ :0.39 mM |

Analytical Data

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|---------------------------------|--|
| 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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