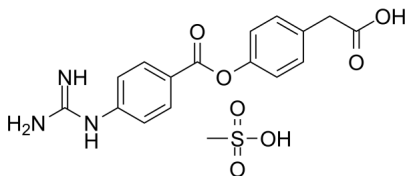


Certificate of Analysis

Catalog Number	BP13221
Product Name	FOY 251

Physical and Chemical Properties

CAS No.	71079-09-9
Chemical Formula	C ₁₇ H ₁₉ N ₃ O ₇ S
Molecular Weight	409.41
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	FOY 251 is a proteinase inhibitor, and is an anti-proteolytic active metabolite camostatate.
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In vitro	FOY-251, an active metabolite of camostat mesilate, on sodium transport in the mouse cortical collecting duct cell line (M-1 cells) and on blood pressure in Dahl salt-sensitive rats. Treatment with camostat mesilate or FOY-251 decreased equivalent current (I_{eq}) in M-1 cells in a dose-dependent manner and inhibited the protease activity of prostatic acid phosphatase in vitro.
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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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