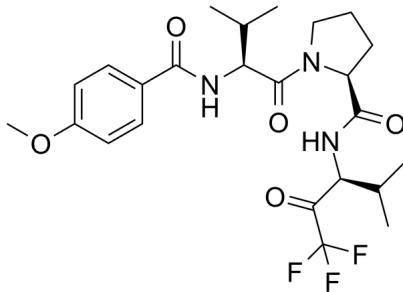


Certificate of Analysis

Catalog Number	BP22334
Product Name	ZD-0892

Physical and Chemical Properties

CAS No.	171964-73-1
Chemical Formula	C ₂₄ H ₃₂ F ₃ N ₃ O ₅
Molecular Weight	499.531
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	ZD-0892 is a selective and potent neutrophil elastase inhibitor (human neutrophil elastase and porcine pancreatic elastase with K _i s of 6.7 and 200 nM, respectively).
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Targets&IC50	Human neutrophil elastase:200 nM (ki), Human neutrophil elastase:ki 6.7 nM
In vivo	Administration of ZD0892 to DBA/2 mice infected with EMC virus can reduce the elastic dissolution activity of myocardium and coronary microvascular perfusion injury. ZD0892 decreases the pathologic severity of the myocardial lesions associated with murine viral myocarditis. ZD-0892 can reverse advanced pulmonary vascular disease produced in rats.

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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