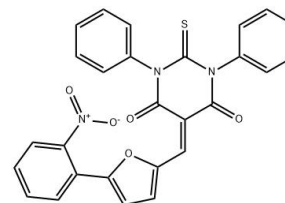


Technical Data Sheet

UCF-101

Compound Information

Product Name:	UCF-101
CAS No.:	313649-08-0
Molecular Formula:	C ₂₇ H ₁₇ N ₃ O ₅ S
Molecular Weight:	495.51
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	UCF-101 is a selective inhibitor of the pro-apoptotic mitochondrial serine protease Omi/HtrA2, involved in the cellular response to thermal and oxidative stress.
Form	powder
Color	light orange to dark orange
Solubility	DMSO: soluble 5mg/mL, clear (warmed)
Purity (HPLC)	≥97%
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.