

CERTIFICATE OF ANALYSIS

PRODUCT:	Nec-1s 5-((7-Cl-1H-indol-3-yl)methyl)-3-methylimidazolidine-2,4-dione); 7-Cl-O-Nec-1 $C_{13}H_{12}ClN_3O_2$, M.W. 277.71; CAS# [852391-15-2]
PRODUCT NUMBER:	N-2411
LOT NUMBER:	H1067A
APPEARANCE:	Yellow solid
SOLUBILITY:	DMSO
PURITY (TLC & LC-MS):	> 98%
DESCRIPTION:	A potent necroptosis inhibitor. Displays higher activity in inhibiting necroptosis in Jurkat cells than Nec-1 ($EC_{50} = 210nM$ versus $EC_{50} = 490nM$), as well as showing no nonspecific cytotoxicity at high concentrations (~100mM). More useful for in-cell and in vivo experiments compared to Nec-1.
STORAGE & HANDLING:	Store at $-20^{\circ}C$. PROTECT FROM LIGHT! HYGROSCOPIC! CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: SK