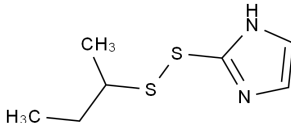


Product Name	: PX-12	
Synonyms	: PX12; PX 12; PX-12.	
Cat No.	: M11716	
CAS Number	: 141400-58-0	
Molecular Formula	: C ₇ H ₁₂ N ₂ S ₂	
Formula Weight	: 188.32	
Chemical Name	: 2-(sec-butyl disulfanyl)-1H-imidazole.	
Description	PX-12(IV-2) is an irreversible inhibitor of Thioredoxin-1(Trx-1) currently in clinical development as an antitumor agent; IC ₅₀ =7 uM in Hela, MTT assay, 72 h.	
Pathway	: Metabolic Enzyme/Protease	
Target	: Thioredoxin	
Receptor	: TRX (HT-29 cells); TRX (MCF-7)	
Solubility	: DMSO: 100 mM	
SMILES	: CCC(SSC1=NC=CN1)C	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Shin HR, et al. Oncol Lett. 2013 Dec;6(6):1804-1810.| 2. Baker AF, et al.J Lab Clin Med. 2006 Feb;147(2):83-90.