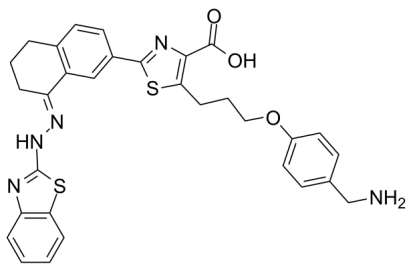


Certificate of Analysis

Catalog Number	BP10529
Product Name	WEHI-539

Physical and Chemical Properties

CAS No.	1431866-33-9
Chemical Formula	C ₃₁ H ₂₉ N ₅ O ₃ S ₂
Molecular Weight	583.73
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of WEHI-539 is a complex molecule. It features a central thiazine ring system. One side of the thiazine is connected to a phenyl ring, which is further linked to a cyclohexyl group. The other side of the thiazine is connected to a carboxylic acid group. A side chain on the thiazine ring includes an ether linkage to a phenyl ring, which is substituted with a benzylamine group (-CH₂NH₂).</p>

Product Information

Description	WEHI-539 is a selective Bcl-XL inhibitor (IC ₅₀ : 1.1 nM).
Targets&IC ₅₀	Bcl-xL: 1.1 nM

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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