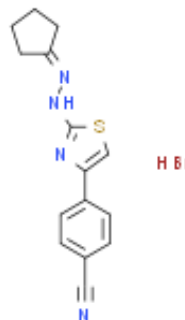


## Product Data Sheet

Cas No.:	1622921-15-6	Cat. No:	PL15142
Product Name:	Remodelin hydrobromide		
Product synonym:	Benzonitrile, 4-[2-[2-(2-cyclopentylidenehydr?aziny)]-?4-?thiazolyl]?-?, hydrobromide (1:1);Remodelin (hydrobromide)		
Chemical name:	Remodelin hydrobromide		
MF:	C15H15BRN4S	FW:	363.2754
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	Br[H].S1C([H])=C(C2C([H])=C([H])C(C#N)=C([H])C=2[H])N=C1N([H])/N=C1/C([H])([H])C([H])([H])C([H])([H])C/1([H])[H]		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Remodelin 是特异性的 N-乙酰基转移酶 NAT10 的特异性抑制剂，能改善 Hutchinson-Gilford 早衰综合征细胞表型。Remodelin 通过靶向和抑制 NAT10，在一个不依赖于 progerin 和 FTI 的途径中发挥作用。NAT10 是一种具有组蛋白乙酰化活性的蛋白质，主要参与端粒酶活性的调节。

生物活性	Remodelin, a specific inhibitor of N-acetyltransferase NAT10, can ameliorate Hutchinson-Gilford Progeria Syndrom (HGPS) cellular phenotypes. Remodelin acts in a progerin- and FTI-independent pathway, by targeting and inhibiting NAT10. NAT10 is a protein with histone acetylation activity and primarily identified to be involved in regulation of telomerase activity.
体外研究(In Vitro)	Remodelin blocks invasion and migration of HCC cells in hypoxic conditions has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	Remodelin (100mg/kg; p.o) significantly reduces the loss of subcutaneous adipose tissue that is seen in the HGPS mouse model. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Lmna mic
包装储存	4°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
溶解度数据	In Vitro: DMSO : ≥ 44 mg/mL (121.12 mM)H <sub>2</sub> O : < 0.1 mg/mL (insoluble)