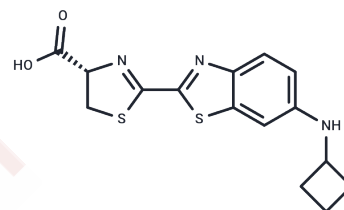


## CybLuc

## Chemical Properties

CAS No. :	1649470-26-7
Formula:	C <sub>15</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	333.43
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	CybLuc is an effective aminoluciferin derivative for deep bioluminescence imaging.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9991 mL	14.9957 mL	29.9913 mL
5 mM	0.5998 mL	2.9991 mL	5.9983 mL
10 mM	0.2999 mL	1.4996 mL	2.9991 mL
50 mM	0.060 mL	0.2999 mL	0.5998 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Wu W, Su J, Tang C, Bai H, Ma Z, Zhang T, Yuan Z, Li Z, Zhou W, Zhang H, Liu Z, Wang Y, Zhou Y, Du L, Gu L, Li M. cybLuc: An Effective Aminoluciferin Derivative for Deep Bioluminescence Imaging. Anal Chem. 2017 May 2;89(9):4808-4816. doi: 10.1021/acs.analchem.6b03510. Epub 2017 Apr 13. PubMed PMID: 28378575; PubMed Central PMCID: PMC5417088.

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