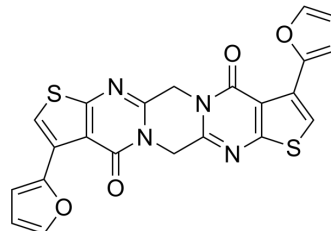


RGB-1

Cat. No.:	HY-156228		
CAS No.:	930455-91-7		
Molecular Formula:	C ₂₂ H ₁₂ N ₄ O ₄ S ₂		
Molecular Weight:	460.49		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

RGB-1 is a polycyclic aromatic hydrocarbon molecule and a stabilizer of RNA G-quadruplexes. RGB-1 can promote the inhibition of RNA translation and reduce the expression of NRAS proto-oncogene in breast cancer cells^[1].

REFERENCES

[1]. Katsuda Y, et al. A Small Molecule That Represses Translation of G-Quadruplex-Containing mRNA. J Am Chem Soc. 2016 Jul 27;138(29):9037-40.

Caution: Product has not been fully validated for medical applications. For research use only.

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