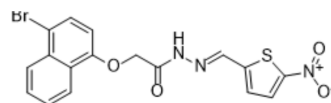


MitoBloCK-11

Cat. No.: HY-125036
CAS No.: 413606-16-3
Molecular Formula: C₁₇H₁₂BrN₃O₄S
Molecular Weight: 434.26
Target: PINK1/Parkin
Pathway: Autophagy; Neuronal Signaling
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (287.85 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.3028 mL	11.5138 mL	23.0277 mL	
5 mM	0.4606 mL	2.3028 mL	4.6055 mL	
10 mM	0.2303 mL	1.1514 mL	2.3028 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MitoBloCK-11 is a new small molecule with a protein-binding target, Seo1. MitoBloCK-11 plays an important role in the delivery of PINK1 pathway. MitoBloCK-11 can be used in the study of autosomal recessive Parkinson's disease^[1].

REFERENCES

[1]. Conti Michael, et al. Small Molecule Probes of Mitochondrial Translocases Elucidate PINK1 Trafficking in PINK1/Parkin Regulated Mitophagy.2018.

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

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