

Product Name	: MitoBloCK-11?(MB-11)
Synonyms	: —
Cat No.	: M22985
CAS Number	: 413606-16-3
Molecular Formula	: C17H12BrN3O4S?
Formula Weight	: 434.3
Chemical Name	: —
Description	MitoBloCK-11 (MB-11) is a small molecule inhibitor of mitochondrial protein import possibly acts through transport protein Seo1, but not Tom70 or Tom20; inhibits precursor proteins that contain hydrophobic segments, confers growth in media lacking uracil in a specific manner and affects zebrafish development.
Pathway	: Others
Target	: Other Targets
Receptor	: mitochondrial protein import
Solubility	: In Vitro: DMSO : 125 mg/mL (287.85 mM)
SMILES	: <chem>O=C(NN=CC1=CC=C([N+](O-)=O)S1)COC2=C3C=CC=CC3=C(Br)C=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Conti, M. (2018). Small Molecule Probes of Mitochondrial Translocases Elucidate PINK1 Trafficking in PINK1/Parkin Regulated Mitophagy. UCLA. 2. Miyata N, et al. J Biol Chem. 2017 Mar 31;292(13):5429-5442. View Related Products by Target Other Target