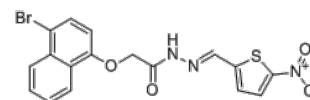


Product Name : MitoBloCK-11
Cat. No. : PC-35923
CAS No. : 413606-16-3
Molecular Formula : C₁₇H₁₂BrN₃O₄S
Molecular Weight : 434.264
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

MitoBloCK-11 (MB-11) is a small molecule inhibitor of mitochondrial protein import possibly acts through transport protein **Seo1**, but not Tom70 or Tom20.

MitoBloCK-11 inhibits precursor proteins that contain hydrophobic segments, confers growth in media lacking uracil in a specific manner and affects zebrafish development.

References

Conti, M. (2018). Small Molecule Probes of Mitochondrial Translocases Elucidate PINK1 Trafficking in PINK1/Parkin Regulated Mitophagy. UCLA.

Miyata N, et al. *J Biol Chem.* 2017 Mar 31;292(13):5429-5442.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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