

Product Datasheet

FB231 (orb3173542)

Catalog Number	orb3173542
Category	Small Molecules
Description	FB231 is a Parkin activator that can induce mild mitochondrial stress, resulting in impaired mitochondrial function and activation of the integrated stress response (ISR). It reduces the threshold for PINK1/Parkin-mediated mitophagy induced by mitochondrial toxins and disrupts iron-dependent pathways. FB231 is applicable in research on neurological disorders, including Parkinson's disease.
Target	Mitochondrial Metabolism,PTEN
MW	411.47
CAS Number	2166045-37-8
Formula	C ₂₄ H ₂₁ N ₅ O ₂
SMILES	<chem>O=C(NC=1N=C(NC(=O)C=2C=CC=CC2C)N(N1)C=3C=CC=CC3)C=4C=CC=CC4</chem> C
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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