

Rexar Technical Compound Datasheet

Product Name	TAK-653
Chemical Name	TAK-653 (Osavampator)
CAS Number	1358751-06-0
PubChem CID	56655833
Synonyms	TAK-653; TAK653; Osavampator; NBI-1065845

Chemical Information

Molecular Formula	C ₁₉ H ₂₃ N ₃ O ₃ S
Molecular Weight	373.47 g/mol
IUPAC Name	9-(4-cyclohexyloxyphenyl)-7-methyl-3,4-dihydropyrazino[2,1-c][1,2,4]thiadiazine 2,2-dioxide
SMILES	<chem>CC1=CN2CCS(=O)(=O)N=C2C(=N1)C3=CC=C(C=C3)OC4CCCCC4</chem>
InChI	InChI=1S/C19H23N3O3S/c1-14-13-22-11-12-26(23,24)21-19(22)18(20-14)15-7-9-17(10-8-15)25-16-5-3-2-4-6-16/h7-10,13,16H,2-6,11-12H2,1H3
InChIKey	PXJBHEHFVQVDDS-UHFFFAOYSA-N
Appearance	Solid; white to off-white / pale yellow appearance may be observed depending on batch and physical form.

Solubility

Published supplier data report solubility in DMSO of approximately 12 mg/mL or greater. No verified Rexar batch-specific solubility measurement is stated in this datasheet.

Applications

- Analytical reference material for laboratory workflows
- Chromatographic and spectrometric method development (e.g. HPLC, LC-MS)
- Physicochemical property testing and structural comparison
- Comparative analysis and laboratory investigation

Storage & Handling

Storage Temperature	Store sealed, protected from moisture and light, preferably refrigerated (approximately 4 °C). For longer-term laboratory storage, lower temperatures may be appropriate according to validated laboratory procedures.
Handling	Handle in accordance with standard laboratory safety protocols and appropriate personal protective equipment.
Packaging	Supplied in sealed laboratory packaging.

Additional Notes

- This material is supplied solely for laboratory, analytical, scientific and technical purposes.

- Not intended for human or veterinary use.
- Public structural identifiers in this datasheet correspond to PubChem CID 56655833.
- This datasheet is not a batch-specific Certificate of Analysis and does not represent batch-specific LC-MS, NMR or chromatographic results.

Reference: PubChem CID 56655833 (TAK-653 / Osavampator), accessed August 2026. Storage and solubility guidance was cross-checked against publicly available laboratory supplier data.