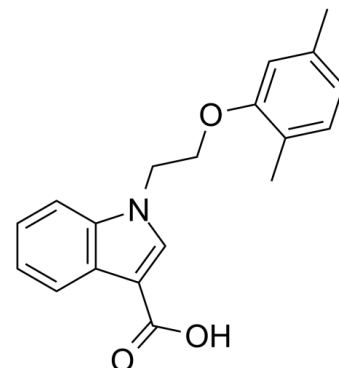


Data Sheet

Product Name:	ML-098
Cat. No.:	CS-6267
CAS No.:	878978-76-8
Molecular Formula:	C ₁₉ H ₁₉ NO ₃
Molecular Weight:	309.36
Target:	Ras
Pathway:	GPCR/G Protein
Solubility:	DMSO : ≥ 100 mg/mL (323.25 mM)



BIOLOGICAL ACTIVITY:

ML-098 (CID-7345532) is an activator of the GTP-binding protein **Rab7** with an EC_{50} of 77.6 nM. IC₅₀ & Target: EC₅₀: 77.6 nM (Rab7)
^[1] **In Vitro:** Probe compound mL098 (CID-7345532) functions by increasing the affinity of the GTPases for guanine nucleotides, leading to the hypothesis that these activators interact with GTPases bind to an allosteric binding site localized between switch regions I and II. ML-098 is an activator of the GTP-binding protein Rab7 with an EC_{50} of 77.6 nM which shows selectivity against the related GTPases cdc42, Ras, Rab-2A, and Rac1 (EC_{50} s = 588.8, 346.7, 158.5, and 794.3 nM, respectively)^[1].

CAIndexNames:

1H-Indole-3-carboxylic acid, 1-[2-(2,5-dimethylphenoxy)ethyl]-

SMILES:

O=C(C1=CN(CCOC2=CC(C)=CC=C2C)C3=C1C=CC=C3)O

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

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