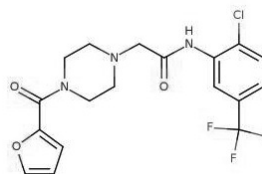


Product Name	: ML348
Synonyms	: ML348; ML-348; CID 3238952; SID 160654487
Cat No.	: M17649
CAS Number	: 899713-86-1
Molecular Formula	: C ₁₈ H ₁₇ ClF ₃ N ₃ O ₃
Formula Weight	: 415.79
Chemical Name	: N-[2-chloro-5-(trifluoromethyl)phenyl]-4-(2-furanylcarbonyl)-1-piperazineacetamide
Description	ML348, also known as CID 3238952; SID 160654487, is a reversible LYPLA1 inhibitor with an IC ₅₀ value of 210 nM. Multiple oncogenes, including HRAS and SRC, require palmitoylation for malignant transformation. Lysophospholipase 1 (LYPLA1) has been identified as a candidate protein palmitoyl thioesterase responsible for HRAS depalmitoylation in mammalian cells.
Pathway	: Angiogenesis
Target	: FGFR
Receptor	: LYPLA1
Solubility	: DMSO : 25 mg/mL. 60.13 mM;
SMILES	: N1(CCN(CC(=O)Nc2c(ccc(c2)C(F)(F)F)Cl)CC1)C(=O)c1ccco1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Adibekian A, et al. National Center for Biotechnology Information (US); 2010-.2013 Apr 08 [updated 2014 Jan 13].