

Product Data Sheet

Product Name: ReZolve-L1

Cat. No.: GC44824

Chemical Properties

Cas. No. 1369583-75-4

SMILES [O]#C[Re+](C#[O])([N]1=CC=CC2=CC=C3C4=C12)([N]4=CC=C3)([N-]5N=C(C6=CC=C(C#N)C=C6)N=N5)C#[O]

Formula C₂₃H₁₂N₇O₃Re

M.Wt 620.6

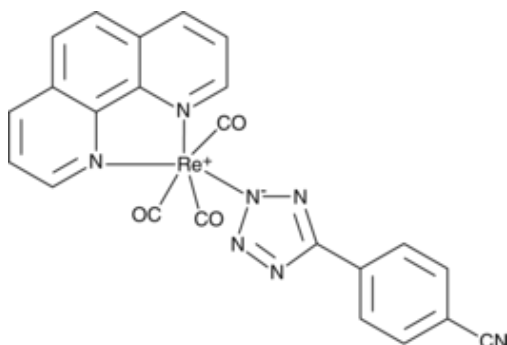
Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

ReZolve-L1 is a fluorogenic probe that localizes to polar lipids and can be used to label lipid droplets and other high lipid-content compartments in live and fixed cells as well as frozen tissue samples. It selectively co-localizes with the lipid stain Oil Red over the mitochondrial and lysosomal dyes

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

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MitoTracker® Red and LysoTracker® Green, respectively, in Drosophila adipose fat body cells. ReZolve-L1 is compatible with epifluorescent, confocal, and two-photon microscopy applications as well as infrared and Raman spectroscopy applications. ReZolve-L1 displays excitation/emission maxima of 405/550 nm, respectively, and can be used for live and fixed cell and frozen tissue applications.

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