
Product Data Sheet

Product Name: IraZolve-ER Blue™

Cat. No.: GC40012

Chemical Properties

Cas. No. 376367-93-0

SMILES O=C1[O-][Ir+3]23([C-]4=CC(F)=CC(F)=C4C5=CC=CC=[N]25)([C-]6=CC(F)=CC(F)=C6C7=CC=CC=[N]37)[N]8=CC=CC=C18Formula C₂₈H₁₆F₄IrN₃O₂

M.Wt

694.7

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**

IraZolve-ER Blue™ is a cell-permeable fluorogenic probe that can be used to label the endoplasmic reticulum in live and fixed cells. It easily crosses live cell membranes and accumulates in the endoplasmic reticulum, and its fluorescence can be used to visualize endoplasmic reticulum structures using epifluorescent and confocal microscopy.

IraZolve-ER Blue™ displays excitation/emission maxima of 405/500 nm, respectively, and can be used for live and fixed cell applications.

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

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