CREATIVE BIOMART®
Assay Kit

BRD1 TR-FRET Assay Kit

Product Information

Cat.No. Kit-1690

Size

384 reactions

Description

The BRD1 TR-FRET Assay Kit is designed to measure the inhibition of BRD1 binding to its substrate in a homogeneous 384 reaction format. This FRET-based assay requires no time-consuming washing steps, making it especially suitable for high throughput screening applications. The assay procedure is straightforward and simple; a sample containing terbium-labeled donor, dye-labeled acceptor, BRD1, substrate, and an inhibitor is incubated for 120 minutes. Then, the fluorescence intensity is measured using a fluorescence reader.

Applications

Great for screening small molecular inhibitors for drug discovery and HTS applications.

Storage

At least 6 months from date of receipt when stored as directed.

Kit Components

GST-BRD1: 10 µg; -80°CBET Bromodomain Ligand: 50 µl; -80°C Non-acetylated Ligand 1: 15 µl; -20°C Tb-donor: 2x10 µl; -20°C Dye-labeled acceptor: 2x10 µl; -20°C 3x BRD TR-FRET Assay Buffer 1: 4 ml; -20°C White Nonbinding low volume microtiter plate: 1; Room temp.

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