

Pilot Assay Protocol

February 15, 2021

1 Abstract

This assay measures K_d between a purified P450 BM3 variant and a test compound by UV-Vis spectroscopy in a platereader. Each 384 well plate tests 24 compounds.

2 Aim

3 Background

4 Materials

4.1 Consumables

- 1 clear, flat bottomed 384 well plate per 24 compounds
- vol DMSO per 24 compounds
- vol buffer per 24 compounds
- vol and conc protein per 24 compounds

4.2 Equipment

- multichannel
- platereader

5 Protocol

5.1 Setup

5.2 Measurement

5.3 Analysis