NanoBRET™ Target Engagement Assay for CDK20+Cyclin H

**Cell line:** HEK293 human epithelial cell line from ATCC

**Assay format:** 384-well plate format using Promega’s NanoBRET™ TE Intracellular Kinase Assay

**Assay protocol:** HEK293 cells transiently expressing NanoLuc®-CDK20 Fusion Vector and Cyclin H Vector were seeded into the wells of 384-well plates. The cells were pre-treated with the NanoBRET™ Tracer K-10 and then treated with reference compound PBI7627 for 1 hour. The BRET signal was measured on an Envision 2104 Multilabel Reader. IC\textsubscript{50} value was calculated and IC\textsubscript{50} curve was plotted using the GraphPad Prism 4 program based on a sigmoidal dose response equation.

**Reference compound:** PBI7627 (IC\textsubscript{50} value): 6.015e-008 M