

A class of polycyclic compounds of general formula (I), of general formula (I'), or of general formula (I''), wherein Base<sup>1</sup>, Base<sup>2</sup>, Y, Y<sup>a</sup>, X<sup>a</sup>, X<sup>a1</sup>, X<sup>b</sup>, X<sup>b1</sup>, X<sup>c</sup>, X<sup>c1</sup>, X<sup>d</sup>, X<sup>d1</sup>, R<sup>1</sup>, R<sup>1a</sup>, R<sup>2</sup>, R<sup>2a</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>4a</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>6a</sup>, R<sup>7</sup>, R<sup>7a</sup>, R<sup>8</sup>, and R<sup>8a</sup> are defined herein, that may be useful as inducers of type I interferon production, specifically as STING active agents, are provided. Also provided are processes for the synthesis and use of compounds.