Two novel adenosine analogs, viz. 9-(I'-B-D-arabinofuranosyl)-6-nitro-1,3-dideazapurine or Ara-NDDP (1) and 9-(5'-deoxy-5'-S-(propionic acid) (1'-β-D-ribofuranosyl) adenine or SAH analog (2), indigenously synthesized, have been found to be potential anticancer agents against cervical cancer caused by human papilloma virus.