A Clinical Study of Zilovertamab Vedotin (MK-2140) Plus Rituximab Plus Cyclophosphamide, Doxorubicin, and Prednisone (R-CHP) Versus Polatuzumab Vedotin Plus R-CHP in People With Diffuse Large B-cell Lymphoma (DLBCL) (MK-2140-011/waveLINE-011)

Status: RECRUITING

Eligibility Criteria

Age: 18 years and over

This study is NOT accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

The main inclusion criteria include but are not limited to the following: * Has histologically confirmed diagnosis of germinal center B-cell (GCB) subtype of diffuse large B-cell lymphoma (DLBCL), by prior biopsy, according to the World Health Organization (WHO) classification of neoplasms of the hematopoietic and lymphoid tissues. * Has positron emission tomography (PET) positive disease at screening, defined as 4 to 5 on the Lugano 5-point scale. * Has received no prior treatment for their DLBCL. * Human immunodeficiency virus (HIV) infected participants must have well controlled HIV on antiretroviral therapy (ART). * Participants who are hepatitis B surface antigen (HBsAg) positive are eligible if they have received hepatitis B virus (HBV) antiviral therapy and have undetectable HBV viral load prior to randomization. * Participants with history of hepatitis C virus (HCV) infection are eligible if HCV viral load is undetectable at screening.

Exclusion Criteria:

The main exclusion criteria include but are not limited to the following: * Has a history of transformation of indolent disease to DLBCL. * Has received a diagnosis of primary mediastinal B-cell lymphoma (PMBCL) or Grey zone lymphoma. * Has Ann Arbor Stage I DLBCL. * Has clinically significant (i.e., active) cardiovascular disease: cerebral vascular accident/stroke (\<6 months prior to enrollment), myocardial infarction (\<6 months prior to enrollment), unstable angina, congestive heart failure (New York Heart Association Classification Class ≥II), or serious cardiac arrhythmia requiring medication. * Has clinically significant pericardial or pleural effusion. * Has ongoing Grade \>1 peripheral neuropathy. * Has a demyelinating form of Charcot-Marie-Tooth disease. * HIV-infected participants with a history of Kaposi's sarcoma and/or Multicentric Castleman's Disease. * Has ongoing corticosteroid therapy. * Known additional malignancy that is progressing or has required active treatment within the past 2 years. * Known active central nervous system (CNS) lymphoma. * Has active autoimmune disease that has required systemic treatment in the past 2 years. * Has active infection requiring systemic therapy. * Has active HBV (defined as HBsAg positive and detectable HBV deoxyribonucleic acid (DNA)) and HCV (defined as anti-HCV antibody positive and detectable HCV ribonucleic acid (RNA)) infection. * Has history of stem cell/solid organ transplant.

Conditions & Interventions

Interventions:
BIOLOGICAL: Zilovertamab vedotin, BIOLOGICAL: Rituximab, DRUG: Cyclophosphamide, DRUG: Doxorubicin, BIOLOGICAL: Rituximab Biosimilar, DRUG: Prednisone, DRUG: Prednisolone, BIOLOGICAL: Polatuzumab vedotin, DRUG: Rescue Medication

Conditions:
Lymphoma, Large B-Cell, Diffuse

More Information

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